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Lancaster Farming

Vol. III. No. 33. Quarryville (Lancaster County) Pa., Friday, June 27, 1958 $2 Per Year

LANCASTER COUNTY'S Queens of the Furrow are Ruth Ann Carroll, left, of Peach Bottom, and Rosemary Andrews, R7 Lancaster. Miss Andrews was named winner of the local contest Monday and received a jeweled wrist watch. Miss Carroll was given a silver bracelet. The two girls will enter area competition at Hershey on Aug 2. (LF Photo)

Rosemary Andrews, Ruth Carroll Win 'Queen of Furrow' Contest

A red-head and a brunette are Lancaster County's entries in the Queen of the Furrow contests They are Miss Rosemary Andrews R7 Lancaster, and Miss Ruth Ann Carroll, Peach Bottom

The two girls were selected from more than 20 contestants for the county honors at Millersville Monday evening They will compete in area semi-finals at Hershey on Aug 2

Miss Andrews is the daughter of Mr and Mrs Le Roy Andrews She lives on a 150 acre poultry and dairy farm off Route 72 south of Willow Street

SHE WAS MAY Queen at Lampeter-Strasburg High School and is attendant to the Lancaster County Poultry Queen

Miss Carroll is the daughter of Mr. and Mrs H Wilmer Carroll A sophomore at Elizabethtown College, she placed third in the Miss Lancaster County Contest held last fall She lives on a 33 acre farm

The contest was held against the backdrop of 'Plain and Fancy' which is being presented at Lyte Auditorium at Millersville The hex signs and rural backdrop kept the air of the contest truly in the traditions of Lancaster County

JUDGING THE CONTEST were Dr William Duncan Millersville State Teachers College, Russell Shelly, professional photographer, and Wayne B Rentschler Lancaster County Farm Bureau

Winner of the state contest will get a tour of New York City, a new warbrobe and will preside at the National Plowing Matches and Conservation Exposition at Hershey Aug 21 and 22

The county contest was sponsored by the Lancaster County Soil Conservation District.

Penn State Says Work Nearly Done On 1959 Edition of Agronomy Guide

In progress since last April, work soon will be complete at Penn State University on next year's edition of the Agronomy Guide, most popular of all agricultural extension publications

A half-dozen teams of Penn State agronomists and industry representatives have met on campus, or soon will, to put finishing touches to crop fertilizer recommendations that each year contribute to a better Pennsylvania agriculture

Again the Guide will be devoted to recommendations on lime and fertilizer and on crops, including forage, small grains, corn, potatoes, tobacco and fine turf. It includes, also, suggestions on rotations, planting, and production.

FRANK G. BAMER, chairman of agronomy extension, said some 50,000 copies will be printed and distributed to farmers at their request, starting next fall at another of the annual series of district agronomy meetings throughout the state

Following preliminary conferences for drafting tentative formulations, six industry-agronomy teams have been working on the final recommendations. These are based upon findings in research, the observations of extension agronomists on farm needs, available farm supplies, and industry's capacity to produce.

Industry representatives include members of the new Pennsylvania Plant Food Educational Society, seed dealers and other related organizations They cooperate with the University in a voluntary advisory capacity.

BY SUBJECT MATTER, the teams making the final draft for the 1959 Agronomy Guide include the following

Forage varieties and mixtures -- George Serviss, Ithaca, N. Y, Cooperative G L F. Exchange, Robert Pollock, Philadelphia, American Cyanamid Co, and David K Shroyer, Annville, Millard Lime & Stone Co, with Dr. John B. Washko, of the Penn State agronomy staff as chairman.

Small grain varieties — H. A. Hanneman, Harrisburg, Pennsylvania Farm Bureau Cooperative Association, Dale T Friday, Worthington, O, and Arnold Evans, Exton, both of Allied Chemical Co, with Dr. C S. Bryner, as chairman.

Corn hybrids and culture — C A Reichard, Allentown, R. A. Reichard Co, and E T. York, Washington, D. C, American Potash Institute, with Dr D. P. Satchell, as chairman.

Potato varieties — E C. Pifer, chairman, and tobacco varieties. J. H Eakin, chairman; Donald R. White, Gettysburg, Central Chemical Corp, Vincent Sauchelli Washington, D. C, National Plant Institute.

Turf and special plantings and weed control, H. B. Musser, chairman, F R. Anspach, Philadelphia Pennsalt Chemical Corp William E Angstadt, Reading, Reading Bone Fertilizer Co, and Fred V. Grau, Woonsocket, R. I, Nitroform Agricultural Chemical Co.

General — P. E George, Thomasville, Thomasville Stone & Lime Co, S F Thornton, Norfolk, Va., F S Royster Guano Co, and J H Brown, Baltimore, general manager of the American Agricultural Chemical Co, with Dr. A C Richer, chairman.

Published each year since 1951, the Agronomy Guide has been growing in demand each year. Over 53,000 copies of the 1958 edition were printed and distributed

May Milk Production Sets New Record, Despite Drop in Numbers

HARRISBURG — May milk production set a new Pennsylvania record for any month, despite a drop in the number of cows through herd liquidations, the State Department of Agriculture reported today.

The Pennsylvania Crop Reporting Service said May milk output totaled 683 million pounds, 3 per cent above the previous high of 661 million pounds established in May, 1957.

High prices for beef animals plus declining returns from the sale of milk encouraged heavy culling of low-producing dairy animals, while some herd liquidations were attributed to a lack of experienced labor, surveys showed

Pennsylvania milk production in the first five months of this year totaled 2,912 million pounds, 6 per cent above the same period of 1957 and 18 per cent over the 10 year average

Production per cow on June 1 averaged 27 0 pounds, one-half pound more than a year earlier and two pounds above May 1 of this year, the Crop Reporting survey showed Good pastures, relatively high feeding of concentrates and the seasonal trend toward higher production were cited as reasons for the heavy May flow of milk in the Commonwealth.

During May of this year there were 933,000 milk cows on Pennsylvania farms, a drop of 3,000 compared with April 1 and 9,000 fewer than the number listed for May, 1957. Total average monthly milk production per cow was 732 pounds this year, a 30-pound increase compared with May 1, 1957.

While the Keystone State's milk production increased during May, the nation's output droped 1 per cent to 12,889 million pounds. This was 4 per cent above average.

Poultry Assn. Barbeque May Net $1,567

The annual poultry barbeque of the Lancaster County Poultry Assn. netted approximately $1,567.84 this year, treasurer Eugene Cassell announced this week

This net compares with a profit of $1,584 16 realized last year.

However the profit this year was made with a farm smaller gross than in 1957 Last year the barbeque did $7,890 33 worth of business, while the total income this year was only $5,492 89.

Brandywine Breeders to Drop '59 Spring Sale

The board of directors of Brandywine Angus Breeders, Inc, met recently at the Eagle Hotel, Eagle, Pa., for a regular business meeting

Kenneth Llewelyn, Easton, president of the group, presided and introduced Francis Enciso, secretary-fieldman, Pennsylvania Angus Association, who gave a report on the annual spring quality sale sponsored by the group

PLANS FOR FUTURE sales discussed and the board voted to dispense with their spring sale in 1959 and consolidate with the buyer's opportunity sale, also sponsored by the group each spring

They decided to hold a field day Aug 9, at Reynard Run Farm, Downingtown, with Bill Batchelor, owner, in charge of arrangements

The group discussed and decided to to partially sponsor the fair at Goshen, and to personall yurge nearby Angus breeders to show

JIM COYNER of the American Angus Assn, spoke to the group on the herd classification program recently inaugurated by the American Angus Association. He stressed the fact that the program is voluntary and is another tool for breeders to use in selecting the better type animals for their herd.

Tom King, extension animal husbandman of Pennsylvania, discussed the progeny and performance testin program as now being done in the state He stressed economy of production and explained that the program and herd classification program go together as an aid in building better and more efficient herds.

Officers and directors present were Norman Davidson, Kennett Square, Dr J. M. Dever, Whitemarsh, Orvill Haase, Pottstown, W Sproul Lewis. Gradyville, Phil Swanthy, Lansdale; Joe Gibbon, Glenmoore; and William A Stromeyer, West Chester.

Broiler Price Hits Three-Year High At Lancaster Exchange Thursday

LANCASTER June 19 — Broiler prices hit a three year high at the Lancaster Poultry Exchange today with 54,000 birds averaging 23 22 cents

The range was from 22 to 24½ cents Nine per cent were at 22 cents, 12 per cent at 23 cents, 47 per cent at 23¼ cents, 27 per cent 23½ cents and five per cent at 24½ cents

A lot of 600 white cross cockerels sold for 23 cents, two lots 1 850 head of capettes brought 26 and 27¼ cents, seven lots 6,585 head, white rock hens brought 21 and 22¼ cents, three lots of light hens sold for 17½ to 18 cents, and 250 head of Hy-Line hens moved at 17½ cents

Unsold were 4,850 head of broilers, 3,000 head of capettes, a 450 head lot of red cockerels and a 500 head lot of silver cross cockerels

Seller of the highest lot of birds was H Robert Mylin, R1 Millersville Buyer was John Rettinger, Halifax

Here are the results of the sale by lot number seller with grower in parenthesis, number and breed, age in weeks and days, buyer and price per pound

1 H Robert Mylin, 1,200 Vantress, 9-4, John E Rettinger, 24½ cents 2 Elwood Hershey, 6,800, Vantress, 9, Meader's Poultry, 23¾ cents 3. Donald C Hershey, 4,800 Vantress, 9 6, Meader's Poultry, 22 cents 4 Craybill Miller, 600 White Cross cockerels, 9-6, Roy E Ream, 23 cents 5 Harvey M Zimmerman, 2,900 Vantress, 10 2, Roy E Ream, 23½ cents

6 Harvey M Zimmerman, 2,900 Vantress, 10 2, Marvin Sweigart, 23½ cents 7 Eby's Mill (Elmer Boyd), 4,500 Vantress, 9, no sale 23 cents bid 8 Walter Hobecker 450 red cockerels, 10, no sale, 15 cents bid 9 George Neauman (William Schreck), 4,000 Vantress, 9 3, S E Davis, 23¼ cents 10 Daniel G Forry, 3 100 Vantress. 9 2, Walter C Mellinger 23¼ cents

11 Levi M Weaver 700 Leghorn fowl, one year John E Rettinger, 18 cents 12 David G Miller, 350 Vantress, 9, no sale, 22¾ cents 13 Raymond H Weaver 4 000 Vantress, 9-6, Walter C Mellinger, 23½ cents 14 Moore Farms (Henry Martin), 900 White Rock fowl 1½ years, Walter C Mellinger, 21¾ cents 15 Moore Farms (Henry Martin), 900 White Rock fowl, 1¼ years, Walter C Mellinger, 22¼ cents

16 Moore Farms (Henry Martin) 1,150 White Rock fowl, 1¼ years, Walter C Mellinger, 22¼ cents 17 Moore Farms (Henry Martin), 1,100 White Rock fowl, 1¼ years, College Hill Poultry, 21½ cents 18 Moore Farms (Henry Martin), 735 White Rock fowl, 1¼ years, Walter C Mellinger, 21½ cents 19 Moore Farms (Henry Martin), 1,200 White Rock fowl, 1¼ years, H W Longacre Inc, 21½ cents 20 Miller & Bushong, (Frank Destafano) 2 300 Vantress, 9 2, Walter C Mellinger, 23½ cents

21 M&B (Robert Hainish), 6, 500 Vantress, 9, College Hill, 23 cents 22 M&B (Christ L Herr), 3 600 Vantress, 9 4 Walter C Mellinger, 23¼ cents 23 Melvin K Barge, 1,600 White cross capettes, 13-2, Daniel K Good, 26 cents 24 Cora B Stephens, 600 White Rock fowl, 14 months, Harry H Weaver Jr 21 cents 25 Morgantown Feed & Grain (Henry G Schantz), 2,800 White Mountains, 10-2, H W Longacre Inc, 23¼ cents

26 N Parke Miller, 250 Vantress capettes, 14 2, Carl B Risser 27¼ cents 27 N Parke Miller 250 Hy-Line fowl, 2 years, Walter Mellinger 17½ cents 28 Christian E Beiler 750 Leghorn fowl, 16 months, Victor J Koser Co, 17½ cents 29 James High (Samuel Stoltzfus), Vantress capettes 13 2, no sale, 24 cents bid 30 D E Horn & Co (Elliot Shirk) 2,400 Vantress, 9-5 Daniel K Good, 23¼ cents

31 Hornco (Elliot Shirk), 2,-600 Vantress, 9 3, Daniel K Good 23¼ cents 32 Roy Bender, 500 Leghorn fowl Daniel K Good 17½ cents 33 Paul Andes, 500 Silver Cross cockerel capettes 13-2, no sale 21 cents bid 34 Miller & Bushong (Harry L Temple), 2 000 Vantress, 9, Roy E Ream, 23½ cents 35 M&B (Richard Rudisill) 1 500 Vantress, 10, Walter B Lehman, 24½ cents 36 Melvin K Barge 800 White Cross capettes, 13-2, College Hill, 26 cents

Baltimore Market Slow Early, But Generally Steady

BALTIMORE, June 23 — CATTLE AND CALVES Supply made up about 40 50 per cent fed steers grading mostly good and choice, three or four loads of stocker and feeder steers, balance mostly cows with slightly larger per cent of bulls included All classes slow early, cows moderately active later About one load of cows and 50 head of vealers still unsold late Fed steers sold mostly steady with instances strong to 25 cents higher on good grades Cows were steady to 50 cents higher with the full advance on utility and commercial Bulls fully steady Choice vealers mostly steady, other grades weak to $1 00 lower Stockers and feeders steady to weak Package 700 lb high choice fed steers $30 00, small lot mostly average to high choice 982 lbs $29 25, bulk 836 1150 lb low-good to average choice $26 50 28 75 including a 1238 lb lot at $28 A few small lots standard and good $25 26 with short load of brahmas at latter price Small lot 70 lb choice heifers $28, one lot 820 lb good and choice $26 50 and cattered head standard and good $24 26 Utility and commercial cows $19 25-21 50, several head high commercial and standard $22 23

Canners and cutters $17 19 50, light canners down to $14 Utility and commercial bulls $23-25, individual $25 50 $30 50 early, choice generally $28 30, A small lot of 190 lb choice vealers good $24 28 and standard $22 25 Bulk medium and good 595-1000 lb stocker and feeder steers $25 28 with weights over 700 lb $26 50 and down A 13 head lot of 576 lb choice stock steers $29 50 One lot 495 lb good stock steer calves $23, 500 lb lot medium to good $27

HOGS Butchers were moderately active and fully 25 cents higher with instances 50 cents higher on No 1 and 2 grades 220 lbs and down The supply was comprised mostly mixed lots U S No 1, 2 and 3, 190-220 lb butchers with several small lots 220 260 lbs included 30 head of 208-210 lb No 1 and 2 grade butchers brought $26 Bulk mixed No 1 3, 190 220 lb butchers mostly one price at $25 75, few lots 220 230 lb $25 50 25 65 and few lots mostly No 2 and 3 240 260 lbs $25 25 Two lots No 1-3, 180 190 lbs $25 25

SHEEP Spring slaughter lambs slow, steady to 50 cents lower Bulk supply 76 93 lb good and choice spring slaughter lambs $23-24, utility to good $18 22 50 Package utility and good slaugh-

Hogs Top at $26; Cattle Move Up At Lancaster Stockyards Monday

by R. B. Knister,
Acting in Charge, Market News Branch

LANCASTER, June 25 — CATTLE. Three days 2,849, week ago 2,35 Supply includes about 52 loads fed steers, about 25 per cent stockers and feeders, the balance mainly cows and bulls Slaughter steers steady to 50 cents higher with choice and above showing most upturn All other classes steady

Bulk choice 990 1226 lb slaughter steers $27 50 29, mostly $28-29. Loads and lots high-choice and mixed choice and prime 1,160 1,300 lb steers -29 25-29 75 Two loads low to average prime 1,323-1 341 lbs $30 25 One load average prime 1,150 lbs $30 75 Good to low-choice $26 27 50, standard $24 50 25 50 Scattered sales slaughter heifers standard to low-choice $23 27 25 Bulk cutter and utility cows $18 25-22, commercial and standard $22 23 Canners and low-cutters $16.25-18 25, shelly canners down to $15 Utility and commercial bulls $22 75-26, few heavy utility bulls to $26 50. Good fed bulls $26 50-27 50 Common and medium stock steers $23 50-26 50, medium and good 604-910 lb feeding steers $27 29 Good stock steer calves 316-482 lbs. $26-29 50.

CALVES 682, week ago 584. Demand fair, vealers steady to weak Bulk good and choice 140-210 lb vealers $29.50-32, high-choice $33 34, few prime up to $35 Standard to low good $26 50-29

HOGS 1,485, week ago 1,517. Demand good, barrows and gilts 25-50 cents higher sows steady to 50 cents higher U S No 1, 2, and 3, 190-23 lb barrows and gilts $25-25 50, several lots No 1 and 2, 200-220 bs $25 75, scattered sales No 1 to local butchers $26. Sows mixed grades 300-550 lbs. $16 50-20, few under 300 lbs $20.

SHEEP 866, week ago 460. Supply largely native and Virginia spring lambs Not enough aged sheep for market trend Bulk good and choice 70-90 lb. spring lambs $23 25, few high-choice $25.50 Utility and low-good $21-23

175 Vantress Cross — 10 days old
100 Nedlars — 1 week old
60 Warren Reds — 10 days old

Allied Dairy Cleaner (gal)	$2 10	Blue Bird All Mash D P	3 80
Altman s Rabbit Pellets	4 85	Grower	$4 15
Super A Dog Feed	8 00	Fine Chick Feed	5 00
B Starter N F Z	4 30	Super A Egg Mash	4 20
		Quality Egg Mash D P	4 05
		Fitting Ration	3 55

Stop Those Laying Slumps With Pex Emulsion
25 lbs., $2.40 50 lbs., $4.05

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WILLIS H. WEAVER MANAGER
947 Harrisburg Ave. Phone Lanc. EX 4-7715
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Percentage of Flock Lay	Pounds Feed Per Dozen Eggs	Extra Dozen Eggs You Get	Increased Income Per Ton of Feed from the 'Golden Eggs
50%	5.52	0	0
60%	4.77	57	28.50
70%	4.43	89	44.50
80%	3 81	163	81.50

Feed required per dozen eggs at different rates of production based on studies at Red Rose Research Center

The profit of the "Golden Eggs" is yours only when hens produce at more than 50% of capacity. Profitable farming begins when you feed for "Golden Eggs." Start feeding Red Rose Feeds now!

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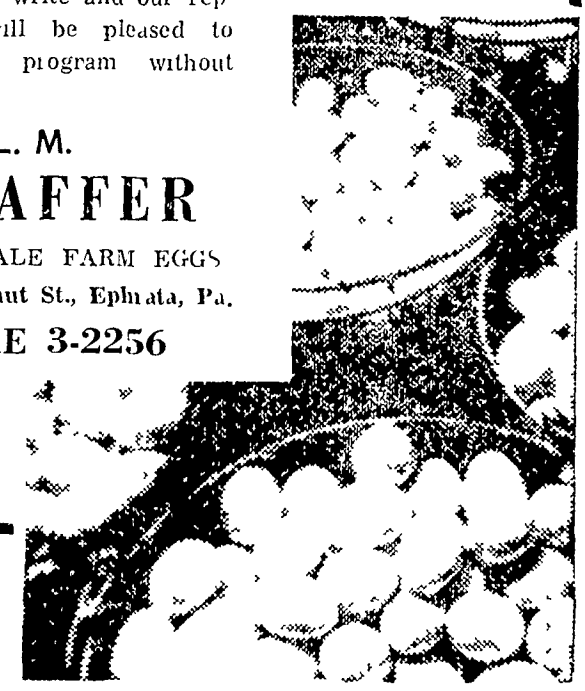

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Wednesday New York Egg Market

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Nearby Whites	
Extra Fancy Heavyweights	40 -41
Mediums	35½
Pullets	26 -26½
Peewees	21
Nearby Browns	
Extra Fancy Heavyweights	45
Mediums	36½
Pullets	28½
Peewees	21
Midwestern Mixed	
Fancy Heavyweights	38½
Mediums	33½
Standards	37
Checks	33½-34
Midwestern Whites	
Fancy Heavyweights	39
Mediums	35½
Pullets	26 -26½
Midwestern Browns	
Fancy Heavyweights	43½

NEW YORK, June 25 — Top nearby whites still a bit dull, but brwons are firm and mediums still closely cleared. A shortage in New England is maintaining a wider than usual spread between nearby whites and browns

Weekly Egg Price Review

	June 19	June 20	June 23	June 24
NEARBY WHITE				
Ex Fcy Hywts	41	41	41	40 -41
Mediums	32½-33	34	35	35½
Pullets	27½	27 -27½	27½	26 -26½
Peewees	21	21	21	21
NEARBY BROWNS				
Ex Fcy Hywts	43	45	45	45
Mediums	36½	36½	36½	36½
Pullets	29½	29½	29½	28½
Peewees	21	21	21	21

PROCESSED POULTRY

PHILADELPHIA, June 25 — Ready to cook ice packed broilers and fryers — about steady. Demand was good Offerings were adequate for current requirements

Prices paid delivered warehouse, Philadelphia (cents per lb) Grade A and U S grade A, 2-3 lb. 34½-35½, mostly 34½-35

Hens Ready to cook, about steady Large heavy type were in very good demand with supplies about sufficient.

Prices paid delivered warehouse, Philadelphia (cents per lb) Grade A and U S. grade A 4-5½ lb 38-39

Receipts June 24 — 234,000 lbs other than turkeys· Maryland, 77,000 lb ; Delaware, 77,000 lb , Virginia, 25 000 lb ; North Carolina, 34,000 lb.

General Softness in Broiler Demand Seen Early in Week in Major Areas

PHILADELPHIA, June 24 — A slight easing of demand was seen at the beginning of the week in the major broiler producing areas. Most trading in the Delmarva area was at prices to be determinted after the weekly auction at the Eastern Shore Poultry Growers Exchange.

The broiler-feed ratio last week remained steady with the week before, although both broiler prices and feed prices rose appreciably. Feed gained from $100 96 a ton to $102.36 a ton. Broiler prices rose from 21.62 cents a pound to 22.10 cents a pound.

PHILADELPHIA EGGS

PHILADELPHIA, June 25 — About steady Increased offerings of large sizes were fully adequate for the fair demand Relatively lighter supplies of mediums were readily absorbed

Prices to retailers in cartons (cents per dozen) Grade A and U S grade A large white 51 55, mostly 53-54, brown 51-55, mostly 53 54 Grade A and U S grade A medium white 42-47, mosty 43-45; brown 42 47, mostly 43-45 Grade A and U S grade small. white 35 39, mostly 35-37, brown 35 39 mostly 35-37

Grade B and U S grade B large white 44 51, mostly 44-45, brown 44 51, mostly 44-45

Received June 24 — 6,500 cases by truck.

The ratio at 4 3 is the same as a year ago

Here is how the broiler market looked in the major producing areas on Tuesday.

DELMARVA: Market quiet Trading very light and mostly based on prices to be determined later Prices quoted were 22½ cents for 38 per cent of 143 000 head sold

GEORGIA Supply and demand generally well balanced for a good demand Sizes smaller than desired continued to be a factor in some instances Buyers offering prices were 20 cents at the farm and 21 cents at the plant In Monday's trade the price range was from 20 to 20½ cents for 918 857 head Only eight pe cent of the sales were at the top

NORTH CAROLINA Offerings adequate, demand good Prices paid were 20 and 20¼ cents at the farm Of 570 000 head sold, 97 per cent were at 20 cents, the rest at 20¼

SHENANDOAH VALLEY· Demand onvl fair Supplies adequate Prices were from 20 to 21¼ cents With 181,000 head being sold, 12 per cent of the sales were at 20 cents, 15 per cent at 21 cents, 11 per cent at 21½ cents, seven per cent at 21¼ cents The rest of the prices were undetermined.

ARKANSAS Demand good at most points, lighter at some Offerings generally adequate with some points, short on over three pound weights Prices at the firm were 20½ and 21 cents Sixty per cent of the sales were at the top price, 27 per cent undetermined, with 522,400 head being sold

ALABAMA Offerings and supelpis generally in balance with good demand Some intraplant movement to fill needs Farm prices were 20 cents, plant prices 21 cents, with 11 per cent of the sales at undetermined prices Some 433,000 head were sold

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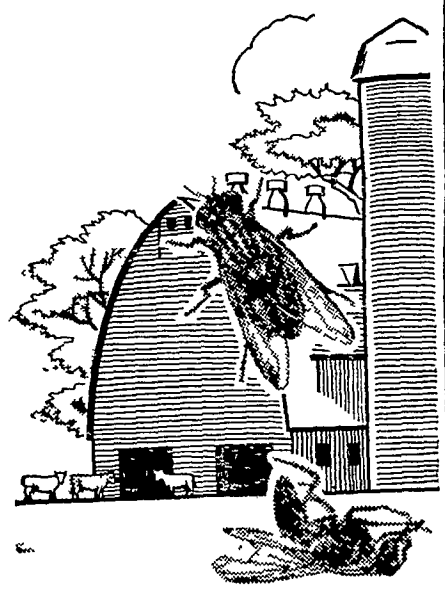

- **Dow Korlan**
  Gives Fly Control from four to six weeks
- **Geigy Diazinon**
  Gives Fly Control in barns from four to six weeks
- **Dipterex Bayer (L13/59)**
  Is a fine blue powder use it as a bait, on barn floors
- **DuPont Marlate 50**
  Rub Marlate on the back of cows. 1 handful per animal
- **Ehrlich's Livestock Spray R-11**
  wet hairs on animals once daily
- **Ortho Fly Killer Dry Bait**
  Just scatter thinly by hand on floors.

Get Your Supply at these Dealers

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Allen A. Matz
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Farmers Supply, Inc
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Ephrata
Farmersville Equipment Co .
R. D. #2
Martin's Feed Mill,
R. D. #3
C. P. Wenger & Sons
Florin
Hess Bros.,
Mumma's Hardware
Gap
Summer Bros ,
Hardware
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Farm Bureau
Lincoln
J. E. Galen, Hardware
Lititz
Eby's Mill, Inc
Manheim
Cassel's Mill, Inc ,
R. D. #1
N. G. Hershey & Son
Millersville
Millersville Supply Co.
Mountville
Kauffman Bros ,
Peach Bottom
C. E. Wiley & Son
Quarryville
Conestoga Farm Service
R. D. #2
Musser's Mill, R. D. #1
Ross H. Rohrer & Sons
Ronks
Lester A Singer
Schoeneck
Brehm & Enck
Stevens
Snader's Mill, Mt. Airy
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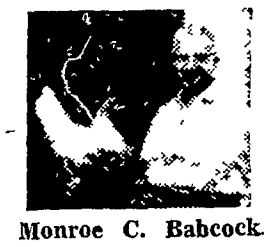

Monroe C. Babcock

Today many of our customers are being paid on a graded out basis for their eggs. Some of the reports that we are getting on the percentage of "A" 's and "AA" 's being laid by Babcock Bessies are fantastically high. Some of them are almost beyond belief.

We do find that many of our customers are putting eggs from several different ages of layers all in together. Also we find some poultrymen experimenting with other birds in competition with Bessies, and are packing all of these eggs in together in the same cases

If you have a flock of birds that has been laying 2 to 3 months, and if you are being paid on a graded basis, I would suggest that you keep these eggs separate from a flock that has been laying 8 to 10 months. In this way you can mark your cases and tell your buyer that you are keeping your various eggs separate so that he can pay you the highest return, and also he can get the best possible pack for his customers.

You will also find a tremendous variation in the quality of eggs that different strains lay. We are eager that all of our customers and future customers keep the Bessie eggs separate from eggs laid by other birds. It is only in this way that you can keep accurate records on the quality eggs being laid by various birds on your farm.

We would like to have you stop at Babcock Poultry Farm and look at our eggs going over the graders. And we hope that you can stop when we are breaking out eggs and judging their interior quality and their freedom from bloodspots.

Please send for our free catalog and literature on our birds.

P S. You may find it too much work to keep all eggs separate. But I feel that it is important to make a check about once a month on the difference in egg quality between different strains and different ages of birds.

BABCOCK HATCHERY
Lancaster County Branch
Route 3 F, Lititz, Pa. Phone MAdison 6-5872

Russell Mease
Route 4
Manheim, Pa.
Phone MO-5-4705

Bob Decker
R. D. #1
Milford, New Jersey
Phone Milford 4-4909

Poultry Producers, by Taking the Easy Selling Way, May Destroy Their Market

POULTRYMEN in this county are now getting ready to join their friends in the tobacco business, it seems That is, they want to spend a lot of time and money growing a good crop and then give it to the first guy that appears at the chicken house door waving a dollar bill

It seems that in the past couple of months that one or more of the major poultry processors has been urging — and getting — producers to sell their broilers privately rather than on the weekly auction at the Poultry Exchange

These are the arguments that they use· The listing fee costs too much, the number of birds on sale is too low for the buyers, buyers can't wait for the auction, the auction price is too high; and unless producers hook up with a buyer now they may not have a market to sell to in a few years

These reasons, as far as we are concerned, are some of the most unconvincing that we've ever heard Perhaps the most ridiculous is that a buyer should tell a producer that he should sell privately because he will get less for his birds that way. When we learned about money and such, the idea was to sell just as high as possible

Perhaps processors now think that farmers are in business to give them greater profits with less work

The listing fee starts at $3 50 and is scaled down as the number of birds increases This is cheap enough to bring your birds to the attention of two dozen buyers

The number of birds on the auction is at times too few But holding birds off for private sale is not the way to improve this situation.

Processors say that they can't wait for the auction. Perhaps not, but there has never been a real scarcity of buyers at the auction. And if volume is increased, the number of sales per week will have to be increased thus giving a greater range in buying and selling to the entire trade.

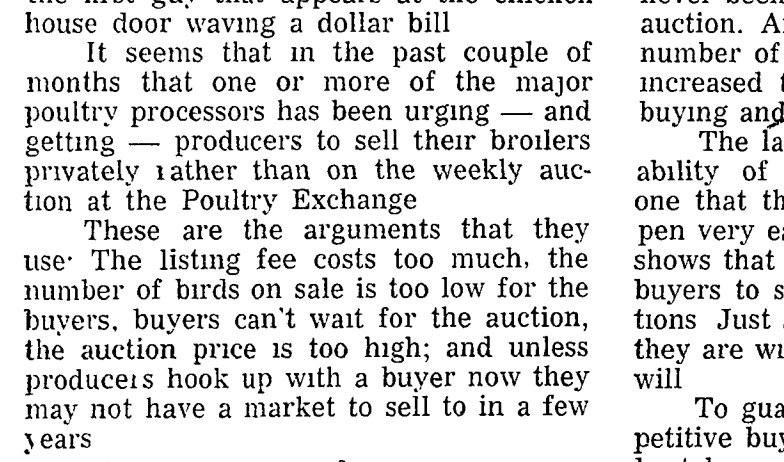
The last reason given about the probability of a buyer-controlled market is one that the growers could cause to happen very easily. Experience in other areas shows that it takes very little to allow the buyers to set prices and marketing conditions Just as soon as producers show that they are willing to allow this to happen, it will

To guarantee a free market and competitive buying, action is going to have to be taken now. Once a precedent is established and habits are made, it will be too late

It will be the same as the tobacco trading Three or four big buyers will set the price to suit themselves at a price that has little bearing on stocks, trade conditions or sales.

This is a problem that rests squarely with the broiler grower He is the only one that can protect his market Every time that he sells on the Lancaster Auction average he helps bring down the average. After all, that is one less bid that will have to be made

Remember, the market is made in the market place, not at your farm.



BY JACK REICHARD

75 Years Ago

Perhaps the most spectacular incident ever witnessed in this or any other country up to 1883 occurred at an ocean-side resort in North Carolina

Mrs Robert Elliot of Texas had brought her less than a year old daughter Birdie who had emaciated considerable following a spell of Texas fever to the fashionable resort to restore the health of her child

About 10 a m that morning an Italian made his appearance in front of the hotel with a large cluster of red bladders like toy balloons Major Hawkins of Alabama on vacation at the resort who had little Birdie in his arms tied the cord of the cluster around her waist then gave her a toss of five or six feet into the air to amuse the youngster, and held out his hands to catch her

But the child did not return She kept going up higher and higher until she passed the house tops floating in the strong breeze calling Mamma mamma mamma! The women screamed and wept A number of men at the hotel started out in boats for the little girl was drifting to sea

Charles J Voorhees of the Southern Express Co with several others were out in a large sail boat Voorhees one of the most expert riflemen in the country had on board his Smith and Weston rifle

Meanwhile the child had reached a height estimated at 500 yards Voorhees took aim and one shot after shot admidst the shouts of the boatmen After the eighth shot it became evident that the balloon could no longer carry the weight of the little floating angel and she started to descend not in a straight line but in a southeast direction towards Harlers Island Whether the child was dead or alive no one could tell

Down down she floated as soon as a being lowered by human hands landing in a cradle of sand on the island When little Birdie was reached she was found playing with some shells

When Voorhees was informed that he had saved the little girl unhurt, he wept like a child

50 Years Ago

On the Lancaster farm of Elwood Smedley, in Fulton Twp, was a curiosity in the form of a fat steer weighing 2,610 pounds The animal, with remarkable short legs and a small head, was four years old Smedely refused a price per pound that would have netted him $200 He explained that he did not want to part with the animal because it followed every one around the farm like a dog and the entire family became attached to it

Lancaster Man Awarded 38 Horse Show Ribbons

Across the seas at the International Horse Show held at London in June, 1908, American horses swept the board in a blaze of glory R P McGrann of Lancaster, took 10 firsts and eight second prizes receiving a total of 38 ribbons for his fine stock.

Back in 1908 automobile manufacturers were beginning to realize that farm folks were just as able to purchase automobile machines as people residing in the city One leading auto company started to advertise regularly in several agricultural papers

Musical Cow Startled Farm Hand

A news dispatch out of Maine during the latter part of June 1908 told of a musical cow

It seems that when Joe Dolley's hired man went to the barn one morning he was surprised to hear the sound of music in the cow stable He listened and plain and clear came the strains of Old Zip Coon'

Thinking an intoxicated tramp was in the stable he opened the door and went in but saw no one Somewhat frightened he looked around and discovered the music was coming from the mouth of one of the cows He rushed back to the house and asked Mrs Dolley to accompany him to the barn as one of the cows was bewitched

Further investigation revealed that one of the children had dropped his mouth organ in the stable the day before and the cow had tried to swallow it when the musical instrument got stuck in the animal's throat Every time the cow breathed she played Old Zip Coon

Lancaster Farming

Lancaster County's Own Farm Weekly

Alfred C Alspach, Publisher, Robert E Best, Editor, Robert G Campbell, Advertising Director, Robert J. Wiggins, Circulation Director

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25 Years Ago

The June, 1933, meeting of Pennsylvania's Octoraro Farmers' Club took place at the home of Mr and Mrs Linford Webster and Family, Walnut Lane Farm, at Collamer

The morning session was called to order at 11 15 with all families represented The question and answer period took up the time until noon, when the guests were served dinner in the spacious dining room

The afternoon sesison opened at 2 p m with musical selections by Mrs Joseph Coates, Junior Coates and Miss Miller, followed by a program of essays, recitations, readings and more questions and answers.

Chester County Farmer Killed By Lightning

Twenty five years ago this week Roy Coates 33, of near Cochranville Chester County, Pa, was killed when a bolt of lightning traveled down a ground wire from the lightning rod on top of the barn and jumped to his body as he sat milking a cow in the stable

The cow was unhurt, and the barn was not ignited The victims father, Norman Coates, was also milking in the barn and quickly carried his son to the house Two physicians were summoned and worked over the young man for two hours in a vain attempt to revive him

Back in June, 1933 a three-month economy program for the postal service estimated to save $9 50 000 was announced by Postmaster General James Farley

The program effective from July 1 to Sept 30 required all postal employees except rural carriers to take a nine day furlough without pay during that period

THREE SUSQUEHANNA RIVER SPANS PROPOSED

Proposals for constructing highway bridges over the Susquehanna was nothing new back in 1933 A bill making it possible for the State Highways Department to construct bridges across Homshei of Strasburg, permitted the Susquehanna at Bainbridge, the highway department to bor Safe Harbor and Holtwood was row money form the Reconstrucpassed by the State Senate in tion Finance Corporation to session at Harrisburg The bill finance such self-sustaining propresented by Senator John G jects as toll bridges.

THE BIBLE SPEAKS

International Uniform Sunday School Lessons

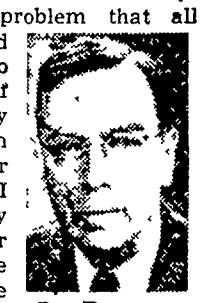
BY DR. KENNETH J. FOREMAN

Bible Material: 1 Samuel 2 12—3 21 Devotional Reading: Ephesians 6:10-20.

Voice for God

Lesson for June 29, 1958

WHAT does the voice of God sound like? That is an important question, but perhaps a rare one. For the Bible, and all religious experience, teach us that God more often than not speaks indirectly rather than directly. The practical problem that all serious - minded people have to settle is: Out of all the many voices that claim to be speaking for God, how can I tell which really **are** voices for God? To name only a few, there are the Pope, and Mary Baker Eddy, and Joseph Smith, and Billy Graham, and Oral Roberts, and the Jehovah's Witnesses, and the local preacher, and maybe your mother-in-law, all laying claim, one way or another to be telling you exactly what God wants you to do There were, and there still are, true prophets and false How do we know which is which? How can we tell the genuine voices for God?



Dr. Foreman

A Strange Story

Back in the Old Testament there is a strange incident about an old man and a young boy, Eli and Samuel. The old man was a high priest, the boy was only a helper around the shrine. Yet one morning the boy came to the man and gave him a terrible message, a message which, he said, God had told him to take to the old man Eli It was one of the most horrifying predictions that could come to a man Yet after Eli had heard what the boy Samuel had to say, the old priest's only comment was· "It is the Lord; let him do what seems good to him" Now, perhaps we can get some light on our problem, if we inquire, How did Eli know that Samuel's voice was genuinely a voice for God?

God Is No Echo

First of all, this did not seem like Samuel. It was not the kind of thing Samuel would have liked to say. Eli was his oldest and best friend, he was (as we would say) his boss A word from Eli and young Samuel would have had to go home to his mother. Saying what Samuel did (the whole story is in the Bible material for this week), was likely to lose him an old friend and to risk his position and future Further, it was most certainly not what Eli wanted to hear It was not by any means a comforting, encouraging message. There are people who claim that "God" is only a name for the projection of our wishes, a great loud echo in the sky, echoing our dearest desires Not at all The true God is no echo Even a lazy incompetent man like Eli (for priest though he was, he was a mighty poor one) knew better than that.

In the Middle of Conscience

In the second place, Eli knew that Samuel's voice was a voice for God, because it hurt him in a sensitive spot, namely right in the middle of his conscience Now persons without a conscience, or a conscience seared by sin, or twisted and half-demented, have not this way of knowing But Eli had still, we may believe, some genuine spark of conscience in him, though he had poured the cold water of indifference on it these many years This voice that came to him in Samuel's boyish treble was still a true voice for God, because it told him what, deep down, he knew was the truth He **had** been doing wrong He who was expected to be spiritual leader of his people had been (literally) asleep on his job He knew he deserved no good from God. And when Samuel told him so, Eli knew that Samuel was a voice for God.

Voice for God and Voice of God

A third point is this· The voice for God, any true voice for him, does not contradict the voice of God Now Eli did not have our Bible, but he did have some of the early part of it He had some knowledge of the Law of God as it had come to his forefathers in the Ten Commandments What Samuel told him was exactly in line with what Eli must have understood to be the genuine voice of God We today have a much fuller and clearer revelation than Eli had, in our Holy Bible As a New Testament writer puts it, God in these days has spoken to us by his Son Any voice, claiming to be for God, that contradicts what we know of God in Jesus Christ, we can ignore, for we can be sure it is the voice of a faker

(Based on outlines copyrighted by the Division of Christian Education National Council of the Churches of Christ in the U S A Released by Community Press Service)

Now Is The Time . . .

By MAX SMITH

County Agricultural Agent

Max Smith

TO SPRAY CORN WITH CAUTION — After corn is 10 to 12 inches tall it is advised to use the drop-nozzles on the sprayer in order to keep the chemical spray from getting into the top of the plant If tall corn is sprayed without the use of these nozzles, it becomes brittle for several days after spraying, and storm or winds may snap too much of it off Also more of the spray gets on the weeds and less on the corn leaves, by using the drop nozzles

TO SOW COVER CROPS IN CORN — The use of a cover crop on land that is to be tilled again next summer is a very good practice Since our county soils are generally low in organic matter, this is one of the good ways to improve the problem The use of 20 to 25 pounds per acre of either domestic ryegrass or field bromegrass is to be encouraged immediately after the last working of corn This will give some growth this fall and especially next spring prior to plowing

TO WAIT FOR ALFALFA BLOSSOMS — The trend throughout the country is to cut alfalfa earlier each year this is especially true with the first cutting and where the field is in a good state of fertility, there seems to be little harm to cutting the first crop in the bud to blossom stage However with the second (or later) cuttings it is strongly advised to delay cutting until the field is 50 per cent in blossom

TO BE CAREFUL WITH SUDAN GRASS — Many acres of sweet sudan grass are planted for temporary summer pasture, this crop is rated as one of the most productive summer pastures However it is important that the livestock producer delay the grazing of the growth until a large percentage of the stalks are at least 15 inches tall Grazing earlier than this might mean some degree of toxicity and poisoning of the animals

Pilot Program Using Soil Surveys To Help Solve Chester Co. Problems

HARRISBURG, June 18 — A special pilot program to explore use of soil surveys in solving waste disposal and other urban-suburban problems was recommended today by the State Soil Conservation Commission

State Agriculture Secretary William L Henning, Commission chairman said plans are to make the study in rapidly-growing Chester County Modern soil maps and reports, basic to agricultural and conservation efforts, have unlimited possibilities for municipal and industrial use, he said

AT A MEETING in Harrisburg the Commission approved plans to request a 1959-61 appropriation of $400,000 from the General Assembly for soil mapping Federal matching funds are available for the 10-year cooperative program with the Pennsylvania State University and U S Soil Conservation Service

The Commission also urged citizen interest in new water rights legislation Commissioner Glenn Smith of Loysville reported efforts in the states of New York, Delaware and New Jersey to find out "who owns the water?"

Maurice K Goddard, a member of the Commission and State Secretary of Forests and Waters, said reports on this subject will be ready shortly A Soil Commission representative will testify on water legislation this week at a Joint State Government Commission hearing

THE DATE FOR the 11th Annual Conference of Soil Conservation District Directors was set for Sept 18-19 at Sunbury, Pennsylvania

Also attending the meeting were Commission members Lyman E Jackson, Dean of the College of Agriculture, Pennsylvania State University, and John Sheehan, Mehoopany, Wyoming County.

PFFA Meeting Held at PSU; Sign Petition

The June meeting of the Pennsylvania Flying Farmers Assn was held at the new airport north east of the campus of Penn State University More than 20 Flying Farmer planes landed there for the days activities.

Members and families of the local unit of the Air Force furnished a luncheon at Sunset Park north of the college A large crowd was on campus for the alumni day activities

A petition was signed by all present urging enactment of pending legislation to form a new over all aviation agency on cabinet level status, but to have the present Civil Aeronautics Board retained in its present form.

Those attending from Chester County were Raymond Beiler, Honeybrook, Kenneth Crouse Chatham, Marshall Jones, Westtown, and Judith Legrady, Downingtown, formerly Budepest Hungary Miss Legrady told of their escape from Hungary after being caught by Russians on their first attempt.

Rain, Below Normal Temperatures Causing Lull in Farm Activity

A lull in farm activity brought on by recent rains during the week has caused some concern among farmers The rains hindered hay harvests and spraying and caused some to lose hay in the field .

Wet ground has brought cultivation almost to a stand still in most areas This along with the cool weather gave weeds a definite shot in the "stem"

Hay this year seems of excellent quality throughout the state only to be damaged by precipitation which halted harvesting In the south the first cutting of hay is almost completed with the prospect of good second growth

PASTURES HAVE been greatly rejuvenated with the recent rains

Most of the tobacco in Lancaster, Lebanon and York Counties have bee nplanted Tobacco plants were set out in Clinton County during the past week

ORDER YOUR
MANZATE
From
LANC. CO.
FARM BUREAU

Machine Exhibit Space Dwindling Fast At Hershey

HARRISBURG, June 23 — Potential exhibitors were reminded today space was dwindling for farm machinery displays at the 16th National Plowing Contest and Conservation Exposition to be held Aug 21 and 22 at nearby Hershey

David G Unger, soil conservation director for the State Department of Agriculture, said first returns from farm machinery and equipment manufacturers, distributors and dealers showed there will be a "bumper crop" of exhibits at the exposition Unger is handling arrangements for commercial exhibitors at the event.

The initially-reserved commercial exhibition area covers over 25 acres of meadowland, which is 10 times the acreage of the Farm Show Building's farm machinery exhibit space, Unger said

ACCORDING TO James Bobb, vice president of the Hershey Estates and chairman of the exposition's local arranements committee, additional display space will be made available if the demand warrants it

More than 2,300 acres of the 12,000-acre Milton Hershey Farms will be used for the plow-in and conservation events which, for the first time, will be held east of Ohio and on a single farming operation.

"The large amount of space available for commercial exhibits means we will be able to accommodate all firms that regularly sponsor displays at the State Farm Show, plus those companies that have been unable to obtain space at the Farm Show because of the heavy demand," Unger said.

UNGER SAID Exposition regulations require that all exhibits be in place by the morning of August 19, the date of the Pennsylvania State Plowing Championships

Contracts call for a six-day stand to give exhibitors an opportunity to catch the big crowds at Pennsylvania Dutch Days (Aug 21 24) and the Pennsylvania Poultry Festival on Saturday, Aug 23 Exhibits must remain in place until Monday morning, Aug. 25

Grassland machines including hay balers, forage harvesters, rakes, mowers and crushers will be exhibited along with conservation equipment such as giant ditchers, side hill plows, subsoilers and an array of tillage tools.

More Cigarettes Used In Canada

Latest Foreign Agricultural Service figures show that cigarette consumption in Canada in 1957 set a new record of 30 2 billion This compares with 27 0 billion in 1956, a gain of 11 per cent and there are strong indications of a further rise in 1958 It is estimated that about 40 per cent of the total cigarette sales in Canada in 1957 were filter-tip kinds.

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ORGANIC PLANT FOOD, INC.
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BONNYMEADS CHEMICALS
LITITZ, PA. PH. MADISON 6-5633

IN STATE-BY-STATE PERFORMANCE . . .
Du Pont MANZATE®
maneb fungicide
means higher yields of No. 1 tomatoes

In more than ten years of testing and field experience in all important tomato areas, "Manzate" has consistently rated among the top fungicides for controlling the five major fungus diseases of tomatoes. Look at the state-by-state performance:

EASTERN SHORE—In Maryland tomatoes treated with "Manzate" led in yield and "Manzate" led in control of serious infection of grey leaf spot. In Virginia, large acreages of tomatoes sprayed with "Manzate" straight through the season came through with excellent control of early blight, grey leaf spot, and anthracnose.

NEW JERSEY—Growers who stuck to a regular disease control schedule with "Manzate", under the most severe disease conditions, were very well satisfied.

PENNSYLVANIA—"Manzate" is officially recommended as the best control for grey leaf spot and Alternaria early blight.

OHIO—In tests conducted against late blight, a straight disease control schedule of "Manzate" was superior to 9 other fungicide schedules. Late blight was severe late in the season—at which time "Manzate" demonstrated its superior power.

NEW YORK—Early blight caused severe and near complete defoliation in unsprayed tomato fields, but where a minimum of four maneb sprays were applied, control was excellent.

INDIANA—"Manzate" consistently gave best defoliation control (early blight and septoria), and tomatoes treated with "Manzate" gave highest yields. Maneb is the preferred tomato fungicide because of its all-around greater effectiveness against the five most important leaf and fruit diseases of tomatoes in Indiana.

Canning house records over a 10-year period show that where "Manzate" was used in the crop protection program for the last 5 years, the yield increase averaged 75% over that of the first 5 years, when "Manzate" was not used. You and your contract growers will profit by recommending and using Du Pont "Manzate."

• Higher yields of more No. 1 tomatoes are the payoff from a disease-control program with "Manzate."

On all chemicals, follow label instructions and warnings carefully

DU PONT MANZATE®
maneb fungicide
BETTER THINGS FOR BETTER LIVING THROUGH CHEMISTRY

J. C. EHRLICH CO.
Distributor of Manzate and other DuPont Agricultural Chemicals
738 E. Chestnut St., Lancaster Phone EX 3-2489

W. G. Robinson, Kreamer, President Of Keystone Poultry Federation

UNIVERSITY PARK, Pa — The Pennsylvania Poultry Federation elected new officers and directors at its annual summer conference at the Pennsylvania State University June 18-20.

Federation president is William G Robinson of Kreamer First vice president is Lawrence E Kegerreis of Palmyra Second vice-president is George H. Schroeder of Honesdale Re-elected secretary was Donald L. Baker of Lewistown RD 1 The new treasurer is Ray Morgan of Reedsville RD 1

Elected directors-at-large were John Copenhaver of Elizabethtown, William Myers of Myerstown RD 1, George H Schroeder of Honesdale, and John Wilson of New Pork New directors appointed by county associations are Orville R. Carver of Friedens RD 1, and Charles Phillips of Pillow.

THE PENNSYLVANIA Poultryman of the Year title went to George M. Anthony of Strausstown, prominent poultryman who was president of the Federation from 1951 to 1953. The Anthony farm of 650 acres has 30,000 white leghorn breeding hens and produces nearly one million chicks yearly.

Anthony had the winning pen in the Pennsylvania Egg Laying Contest in 1952 and 1955. His pen of two year-old hens set a world record for egg laying by old hens at the Hunterdon, N J, Egg Laying Test a few years ago The Anthonys have three sons Gilbert, Donald, and Barry.

"POULTRY PROFIT pointers" was the subject of a panel moderated by Carl O Dossin, Pennsylvania Poultry Extension Specialist Kyle Trout of HyCross Hatchery, Doylestown, developed a three part program to conserve the bred-in potential of the chick Maintaining good intestinal health accounts for 50 per cent of the results obtained in rearing Minimizing competition among birds by supplying adequate feed and water space is 30 per cent of results, the balance comes from the feed for growth and production

Ned L. Clark, Shamokin feed dealer reported results of caponette production in Northumberland County. Cleve Hastings of Miller and Bushong, Rohrerstown, emphasized the need for attention to small details in management. The profit on three broilers is needed to make up a two per cent loss, this actually means five chickens are lost as profit makers. Air and water are least expensive and most neglected; attention to these and other details can help reduce losses in returns.

DR. J. M. SYNDER, Cayuga, N Y, listed the following standards of production· 250 eggs annually per bird housed, one-half per cent mortality per month, 4.25 pounds of feed per dozen eggs For broilers, 3.4 pounds weight in 9 weeks at 2 35 feed conversion and 98 5 per cent livability For caponettes, 5 55 pounds weight at 13 weeks with 2 85 feed conversion. For large type turkeys, 20 pounds weight at 23 weeks with 2 5 feed conversion.

James C. Kelly, Heatwole Hatcheries, Inc, Virginia, with a capacity of 1,150,000 turkey eggs developed in part the theme, "The consumer is boss" He suggested more emphasis on year round availability of many types of turkey products, more emphasis on cut up parts of large turkeys, or production of smaller birds.

Farm Women 9 Plan Picnic For July 20

A picnic is planned for July 20 at Pavilion One, Buchmiller Park, Lancaster, by Farm Women 9. Plans were made at a meeting held at the home of Mrs. Elmer Huber, Martieville

On the program was a book review by Mrs Kenneth Eshleman on Pennsylvania Dutch

Donations were made to the county project and migrant workers fund

Devotions were in charge of Mrs Elmer Huber Co-hostess was Mrs Anna Stokes.

NEW OFFICERS of the Pennsylvania Poultry Federation, seated left to right, are: Secretary, Donald L. Baker, Lewistown, president, William G. Robinson, Kreamer; and second vice president, George H. Schroeder, Honesdale. Standing are treasurer Ray Morgan of Reedsville and first vice president Lawrence E Kegerreis of Palmyra

(Penn State Photo)

Farmers Urged To Start Poultry Promotion Fund

John L Rainey, director of the Bureau of Markets, suggested to delegates at the Pennsylvania Poultry Federation's annual meeting that they "develop a promotable product and find the money and people with which to do the job."

"WE ARE GOING to have to try for a larger share of the market, even if that trying only results in our holding our own share." Rainey said. "If we do not strive to be competitive we are slowly going to be pushed aside

"Georgia or Delmarva, or even Maine, will not be reducing their efforts to capture a bigger share of the broiler market," he added. "Ohio the Midwest and our good friend New Jersey, will be plugging away to grab a bigger share of the eastern egg markets. We are going to have to get into gear just to stay even, let alone to go ahead in a bigger way"

More Proof . . . It Pays to Feed PURINA

Harvey Rettew's LOCUST CROFT Farm

a demonstration of herd-building under expert direction!

If you know Holsteins in Lancaster County, you know Harvey Rettew. Since 1918, he has built not one, but two fine herds of registered animals Following dispersal of the first herd, Harvey was not content to quit He "kept busy" building today's herd of 10 milkers, all producing in excess of 500 lbs fat, M E.

Harvey Rettew — A PURINA Feeder for 35 Years!

A typical Rettew cow is 1900-lb, 7-year-old Rose Rag Apple Dekol with 619 lbs butterfat in 332 days Another, Pine Tree Cornucopia T has produced 16,890 lbs. of milk with a 3 7% test Locustcroft Invincible Babe made 478 lbs of fat as a 2-year-old and 525 lbs. fat in 323 days as a 3-year-old. Any cow not achieving a 305-day, 2X, mature equivalent of 500 lbs. fat or more finds her days numbered at LOCUST CROFT. Breeding is important, but Harvey Rettew is a skilled feeder. Nan-Wen Whitey of Mark Galaxy made 373 lbs fat with her original owner. At LOCUST CROFT, she made 588 lbs fat in her first lactation, and 552 lbs in 260 days of her second. Luck? No!

Dairy farmers can benefit from a feeding program such as Rettew's — based on excellent roughage, permanent pastures and top quality grain rations for calves, heifers, dry cows and milkers Your local PURINA dealer can tell you more about improving your own program. See him soon!

YOU CAN DEPEND ON **PURINA** EFFICIENCY FOR LOW-COST PRODUCTION

James High — Gordonville
Warren Sickman — Pequea
John J. Hess II — Intercourse—New Providence
John B. Kurtz — Ephrata
S. H. Hiestand — Salunga
Wenger Bros. — Rheems
Blend & McGinnis — Atglen
Whiteside & Weicksel — Kirkwood
Snader's Mill — Mt. Airy
John J. Hess — Kinzers—Vintage
B. F. Adams — Bird-in-Hand

Chicken Chatter

from GREIDER LEGHORN FARMS, Inc.

Tips On Keeping Hens Laying in Hot Weather

1. Put lights on hens from midnight on. This allows them to eat early in the cool part of the morning Be sure there is plenty of fresh feed available in hoppers early in the morning, even if it means filling the hoppers in the evening. I would not recommend lights on laying pullets at this time of year as it may affect production later on.

2. On yearling hens, if an all-mash program is being used, feed consumption can be increased by switching to an all-crumble or all-pellet program. Hens became lazy in hot weather and can eat more with less effort.

3 If you have a pen that gets exceptionally hot due to no insulation under the roof, try white washing the roof. Ordinarly the white wash will last over most of the hot weather, and you'll be surprised at the difference it'll make.

4. Fans really pay off. Use large capacity fans and mount them so they blow into the pen. A thermostat can be used to stop fans if weather suddenly gets too cool at night.

5 Check for lice and mites. Lice and hot weather can wreck a good flock of layers.

Many poultrymen have told us that Greider leghorns hold up better than most other strains in hot weather This ability has also been shown in egg laying tests Why don't you try a flock of Greider leghorns and see for yourself.

Greider Leghorn Farms, Inc.

Phone OL 32455 Mt. Joy, R. 1, Pa.

Poultry Producer Chief Defender Of Poultry Health, Dr. Gentry Says

UNIVERSITY PARK, Pa June 25 — Educational sessions on poultry health, a special re or ganization luncheon for the new board of directors, and the tradi tional "Drumstick Golf Tourney' cimaed the annual summer meeting of the Pennsylvania Poultry I ederation at Penn State Univei sity

Dr Robert F Gentry, head of poultry disease research at the University, told his poultryman audience that the "front line of defense against poultry disease is the poultry producer himself" A high percentage of infections can be avoided by proper man agement practices he asserted.

Dr Gentry reported that they are currently working on four main projects at the University's poultry disease research center

THEY ARE a new method of rapid, accurate diagnosis of poul try diseases, a new method of vaccinating day old chicks against certain diseases, basic research on Chronic Respiratory Disease which costs poultrymen — particularly broiler producers — millions of dollars annually; and studies of avian visceral lymphomatosis, a disease of chickens comparable to cancer in humans

Dr. Louis Liebowitz director of the poultry diagnostic laboratory at National Agricultural Col lege, Doylestown, discussed new drugs and methods for controll ing internal parasites of poultry, including various types of worms "There are no known parasites of poultry that are transmissible to man," he pointed out

DR. LIEBOWITZ CITED poultry roundworms as one of "nature s best egg producers," with females laying as many as 200, 000 eggs a day Sanitation and good management practices, coupled with the piperazine compounds offer effective controls of these pests, he said

Some of the "miracle drugs" are no longer performing their miracles in the fields of human and poultry health, according to Dr Grover D Cloyd, of Hess & Clark, Inc, Ashland, Ohio Disease-causing micro - organisms seem to have built up resistance to the antibiotics, and anti-bacterials may offer more hope for control and treatments of certain diseases in the future, he believes

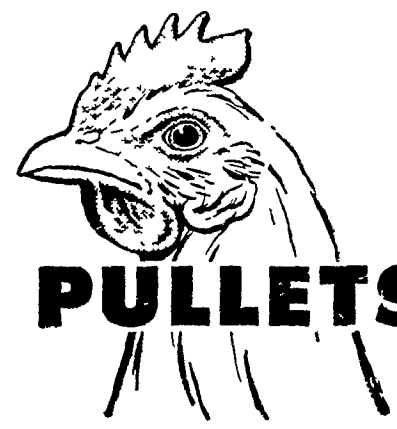
DR. CLOYD DISCUSSED the major bacterial diseases of chickens, along with prevention, control and treatment measures for each In summing up he emphasized that it is cheaper in both time and money to follow prevention programs than to treat disease after it appears on the farm

"It is better to prevent than to live with or treat any disease," he maintained, urging the poultrymen to practice the basic principles of disease prevention and control such as sanitation, blood testing, and depopulation

POULTRYMAN OF THE YEAR George M Anthony, Berks County hatcheryman, and Mrs Anthony, are shown here with the certificate presented Anthony by the State Poultry Federation. He is a past president of the Federation. (LF Photo)

OUTGOING PRESIDENT of the State Poultry Federation, Dr E I Robertson of Lancaster, is presented an engraved gavel by the incoming president William G Robinson (left) Robinson assumed his new duties at the annual Poultry Federation Banquet at State College Thursday (LF Photo)

GROW



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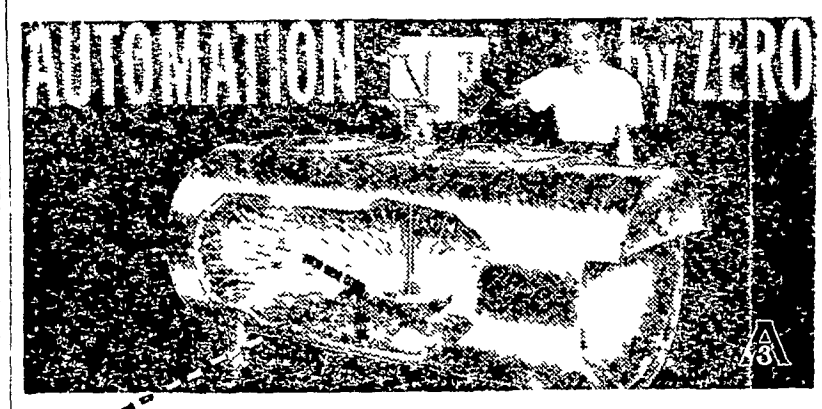

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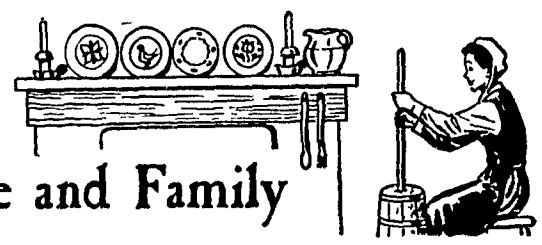

For the Farm Wife and Family

The Time Has Come for Outdoor Eating; But Be Ready for Rain

The time has come for outdoor eating. Today we have a menu for you, a menu planned for a party of eight. Since the weather is not always as bright as the spirit we've planned a menu that can be enjoyed indoors or out.

GLAZED GRILLED HAM STEAKS
POTATOES 'N CARROTS AU GRATIN
RELISH TRAY
WATERMELON FRUIT BASKET
COFFEE

Ham steaks prepared on a charcoal grill, an electric skillet or the broiler of the kitchen range are always popular. Instead of plain ham, all a flavorful sauce. Use the sauce for basting or glazing while you're grilling the steaks.

HONEY MUSTARD GLAZE

½ cup prepared mustard
½ cup strained honey

Combine ingredients. Use as a glaze for grilled, broiled or baked ham Makes one cup.

FRUIT MUSTARD GLAZE

1 jar strained apricots and applesauce (baby food)
½ cup sugar
1 tablepoon vinegar
Dash cloves
1 tablespoon prepared mustard

Combine ingredients in saucepan. Place over low heat; slowly bring to a boil, stirring constantly. Boil 5 minutes. Use as a glaze for grilled, broiled or baked ham. Makes two-third cup.

* * *

The following two sauces are simply served with the ham rather than used as a glaze.

CANDIED FRUIT SAUCE

1 jar junior apricots and applesauce
½ cup candied dill strips

Combine ingredients; chill. Serve with hot or cold ham or pork. Makes 1½ cups.

GINGER ORANGE SAUCE

2 tablespoon cornstarch
⅓ cup sugar
⅓ cup wine vinegar
1¼ cups orange juice
2 tablespoon slivered orange peel
2 tablespoon finely chopped crystallized ginger
1 tablespoon butter or margarine

Belnd cornstarch, sugar and vinegar in saucepan; stir in remaining ingredients. Cook over

(Continued on page 9)

WHEN IT'S JUST TOO HOT to cook indoors, just pack a family picnic and go out to the back yard! The current trend toward outdoor living has put both food and equipment on the market that makes out-door cooking and eating both enjoyable and easy.

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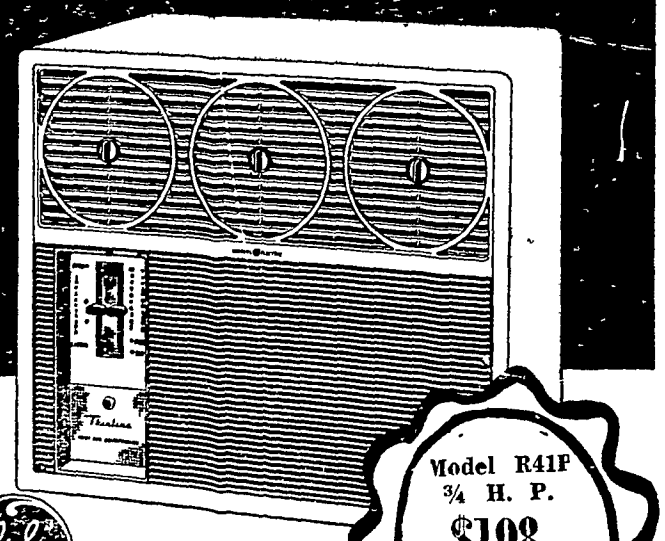

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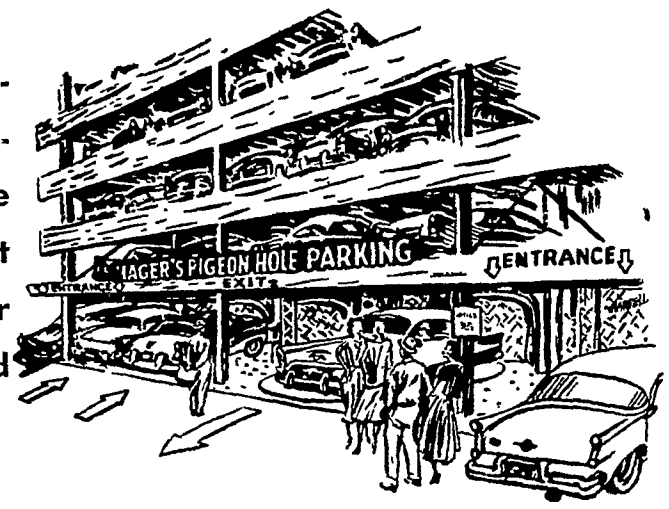

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For Farm Women . . .

(Continued from page eight)

medium heat, stirring constantly, until clear and thickened. Serve with ham or pork. Makes one and two-third cups.

For a vegetable dish with a new twist try Potatoes 'n Carrots au Gratin. Coarsely grated raw potatoes and raw carrots are seasoned with onion, sauce with condensed cream of celery soup and springled with grated American cheese. One hour of baking completes this casserole wit ha golden glow. Colorwise and flavorwise it is an ideal complement to the ham steaks.

POTATOES 'N CARROTS AU GRATIN

- 2½ cups coarsly grated raw potatoes
- 1½ cups coarsely grated raw carrots
- ½ cup coarsely grated onion
- 1 can (10-½ oz) condensed cream of celery soup, undiluted
- ½ cup milk
- 1½ teaspoon salt
- Dash pepper
- ½ cup grated process American cheese

Heat oven to 375 degrees Combine potatoes, carrots and onion in buttered baking dish (10x6x 1-½). Blend soup, milk, salt and pepper, pour over vegetables. Cover, bake one hour. Uncover, sprinkle with cheese. Bake 15 minutes or until cheese is melted and vegetables aret ender. Makes 8 servings.

Your relish tray, of course, begins with pickles. Choose several kinds—different shapes, different flavors There are the new candied krink-l-chips, a flute crosscut variety that follows the nation's preference for sweet but lightly spiced pickles. A good contrast is provided by the procesed dill pickles or the Kosher baby dills. Fresh cucumber sticks or sweet cucumber disks are two more popular pickles.

With the pickles, you'll want celery, olives and radishes.

The watermelon fruit basket, illustrated in the picture, is a conversation piece at any table. Slice a medium-sized watermelon in half lengthwise. With a melon in the form of tiny balls. Finish hollowing out the fruit, then with a sharp knife scallop the cut edge Refill the melon with the melon balls, sliced bananas and, if you desire, sliced oranges or grapes

Picnics afloat are special fun for the entire family. Mom, Dad, and the kids of all ages can enjoy a trip by water and, when a tempting shore site comes into view, the outboard motor on the boat takes them right up to the beach for a wonderful grilled dinner.

For variety in the outdoor picnics, try Butter Grilled Chicken 'n Beans. The combination of buter-topped frozen lima beans and half o broiler-chicken is hearty enough for appetites sharpened by boating and water skiing. The beans and chicken are butter-baked over the grill in individual serving packets of heavy aluminum foil. During the boat trip, the frozen beans help keep the chicken refrigerated and when ready for grilling, the beans and chicken cook in the buttery juices to a delectable doneness.

If appetites are especially hearty, potatoes in foil jackets may bake on the grill along side the packets of chicken and beans Before packing the potatoes, cut out a section with an apple corer and fill with butter. Wrap in foil, ready for grilling.

The rest of the menu is simple. Relishes are kept chilled, packed in planstic bags and carried in containers of ice cubes. The ice cubes also can be melted for making coffee or tea over the grill. The dessert is crispy butter cookies and fresh fruit.

BUTTER GRILLED CHICKEN 'N BEANS

- 2 packages frozen lima beans
- 4 tablespoon green onions, (optional)
- ½ pound butter
- Salt
- Pepper
- Two 2 to 2½ pound broilers, split

Cut heavy aluminum foil into 8 large squares Cut frozen blocks of lima beans in half. Place half block of the beans on each of 4 squares of foil. Top with a tablespoon each of buter and onion. Cover with helf a chicken. Top with another tablespoon of butter Season with salft and pepper Fold foil around chicken and beans loosely to make an individual packet. Wrap each packet in second square of heavy foil. Cook on girll 2½ inches from heat 40 to 50 minutes or until the chicken is tender and the beans cooked. Yield 4 servings.

BUTTERSCOTCH LUNCH BOX COOKIES

- 1¾ cups flour
- ¼ teaspoon salt
- 1 teaspoon baking powder
- ¾ cup butter
- ¾ cup firmly packed light brown sugar
- ¾ cup granulated sugar
- 2 eggs
- 1 teaspon vanilla
- 1 cup chopped nuts

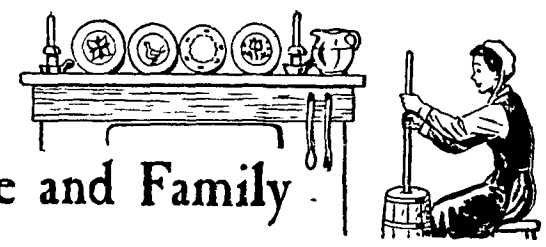
Sift dry ingredients Cream butter. Add brown sugar and gradulated sugar mixing well. Add eggs and vanilla and beat Gradually add sifted dry ingredients, mixing choped nuts in last. Drop from a teaspoon unto a buttered cooky sheet Bake in a preheated 375 degree oven for 8 to 10 minutes. Let set on cooky sheet for a few minutes before removing to cool on cake racks. Makes 5 to 6 dozen cookies.

Try this menu for a nice summertime patio lunch:

HOT BUTTERED CREAM OF CHICKEN SOUP
FRENCH FREID CHEESE-PICKLE RELISH SANDWICH
SPONGE CAKE WITH TOPPING

A hot buttered soup beverage is made by simply adding milk to your favorite canned condensed soup and heat as directed on the can For outdoor eating, soup served in a mug, glass, or cup makes for a simpler and more convenient way to enjoy soup. To serve soup, pour into containers and float a golden pat of butter on the surface to add flavor, rickness and extra goodness.

(Continued on page ten)



For the Farm Wife and Family

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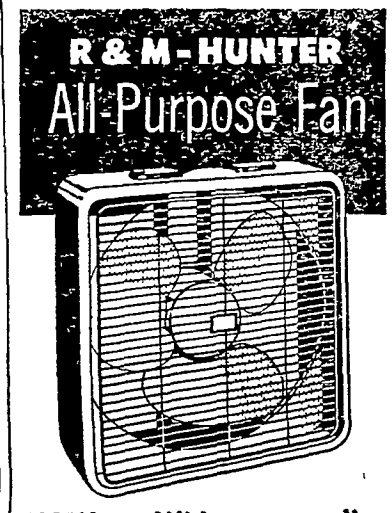

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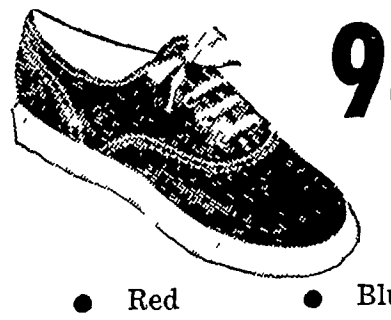

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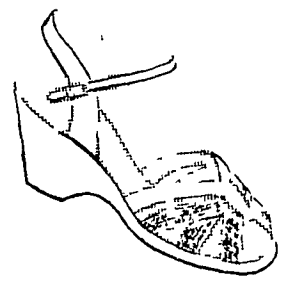

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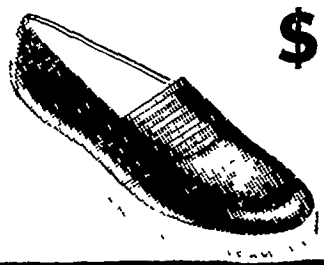

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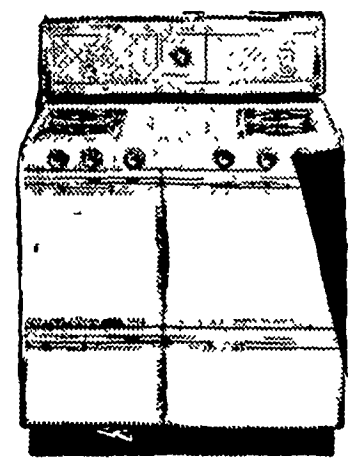

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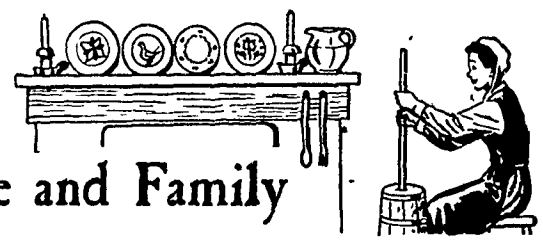

For the Farm Wife and Family

(Continued from page nine)

FRENCH FRIED CHEESE SANDWICH

8 slices bread
¼ cup mustard relish
8 slices Munster cheese
¼ cup butter
2 eggs beaten
⅓ cup milk
¼ teaspoon salt

Spead four slices bread with mustard relish Place two slices of cheese on top Top with remaining bread. Melt butter in skillet Combine remaining ingredients. Dip sondwiches into egg mixture turning to coat both sides. Brown both sides of sandwiches in hot buter. Yield 4 sandwiches

APRICOT PUREE AND WHIPPED CREAM TOPPED SPONGE CAKE

1 8½ oz package of Angel Food Mix
½ pint heavy cream
2 taplespoon confectioners' sugar
1 4-¾ oz jar of apricot and apple puree

Prepare Angle Roll as directed on package Whip cream with sugar Fold in puree When cake is cooled spread most of the whipped cream mixture over cake to 1" of edge Roll cake losely making 1½ turns Decorate top of cake with remaining whiped cream.

A nice snack for outdoors would be these Peanut Crunches or Marshmallow-Cornflakes Drops Served with something cold to drink you'll find this snack just the thing on a hot afternoon or evening.

These easy goodies can be made up any time of day, whenever the inspiration moves you. They take just moments to make and can be kept on hand just like cokies.

PEANUT CRUNCHIES

⅓ cup butter
½ cup chunk style peanut butter
32 marshmallows (½ pound)
2 squares unsweetened chocolate
3 cups crisp sugar coated corn cereal

Place butter, peanut butter, marshmallows and chovcolate in a saucepan. Cook and stir over low heat until the ingredients are melted and well blended. Add cereal and mix well Pack into buttered 8-inch square pan and let stand until set Cut into bars when cool Makes 28 bars

MARSHMALLOW-CORN-FLAKE DROPS

32 marshmallows (½ pound)
¼ cup butter
3 cups cornflakes

Melt marshmallows and butter in saucepan over low heat Stir constantly Remove from heat and add cornflakes Mix well Moisten hands with cold water and form mixture into small balls Place on waxed paper-covered cooky sheet and let stand until firm Makes about two dozen pieces

Potato salad is always a favorite for outdoor eating Try the cooked dressing that gives this potato salad its own special flavor

POTATO SALAD

4 medium-sized potatoes
¼ cup hot cooked salad dressing (see recipe below)
1 to 2 tablespoon finely chopped scallions or onions
1 teaspoon salt
2 tablespoon chopped green pepper
½ cup finely cut celery
¼ cup diced cucumber
2 hard cooked eggs, chopped

Cook potatoes whole in the skins, peel, and dice. Or pare, dice, and cook them in a small amount of boiling salted water until tender Drain.

Pour hot dressing over hot potatoes Add scallions or onions and salt and mix carefully Let cool for 10 to 15 minutes.

Mix in the rest of the ingredients Chill for 3 or 4 hours before serving. Makes about 1 quart.

Variation Cold salad dressings may be used instead of the ¾ cup hot cooked dressing. Use ½ cup mayonnaise or thick salad dressing and blend in ½ teaspoon prepared mustard Or use ¼ cup mayonnaise or thick dressing and ¼ cup mayonnaise or other thick dressing and ¼ cup french dressing A quarter of a cup of chopped pickle makes a good addition to this salad.

COOKED SALAD DRESSING

2 tablespoon flour
1 tablespoon sugar
1 teaspoon powdered dry mustard
1 teaspoon salt
Dash of cayenne
1 cup milk
1 egg, slightly beaten
⅓ cup vinegar or lemon juice
1 tablespoon butter or margarine

Mix flour, sugar, musard, salt, and cayenne in the top of a double boiler Gradually stir in the milk

Cook over boiling water, storring constantly, until the mixture starts to thicken Cover and cook for 10 minutes, stirring occasionally

Stir a little of theh ot mixture into the egg, add to the rest of the mixture, and cook over boiling water for 3 minutes, stiring constantly Add the butter or margarine.

Remove from heat and slowly blend in the vinegar or lemon juice.

Makes about 1½ cups

Note If salad dressing is not used when hot, cover and store in refrigerator.

Peanut butter sauce with meat balls is a new way to use these favorites, ground beef and peanut butter You and every other health - conscious homemaker will welcome this recipe for a nutritious, low cost casserole

The meat ball - rice oven dish is economical but you'd never suspect, because the flavor makes it something special The casserole may be put together early in the day, ready for baking at suppertime.

With this casserole you might like to serve buttered green beans, mixed green salad, lemon refrigerator dessert.

CASSEROLE OF MEAT BALLS WITH PEANUT BUTTER SAUCE

1 cup uncooked white rice
2 teaspoons salt
3 cups water
1 cup cooked, seasoned green peas, drained
One slice white bread
½ cup milk
1 pound ground beef
⅛ teaspoon chili powder
1 can condensed cream of celery soup
½ cup creamy peanut butter
¼ teaspoon Tabasco sauce
2 teaspoons instant minced onion
Paprika, if desired

Put the rice, one teaspoon of the salt and two cups of the water in a 2 quart saucepan Bring to a vigorous boil Turn the heat down. Cover with a lid Simmer over this low heat 14 minutes Remove the saucepan from the heat but leave the lid on 10 minutes Gently stir in the peas

While the rice cooks, tear the bread into small pieces Add the milk Stir to mash the bread. Stir in the ground beef, one teaspoon of the salt and chili powder. Mix well Form into 17 or 18 small meat balls about the size of a walnut Place in a skillet in a small amount of fat. Cook on all sides until browned and cooked through Place over the rice-pea mixture

Place the cream of celery soup in the skillet Stir in the remaining one cup water, peanut butter, Tabasco sauce and onion. Mix well Pour over the meat balls Sprinkle with paprika, if desired Bake in a 400 degree oven 30 mintes or until top begins to brown and the mixture is heated through

If desired, make the casserole early in the day and store, covered, in the refrigerator. Allow the dish to come to room temperature before baking This recipe makes 6 generous servings.

HAM 'N PINEAPPLE CASSEROLE

¼ cup diced green pepper
2 tablespoons grated onion
½ cup water
1 tablespoon prepared mustard
½ teaspoon salt
2 cups cooked white rice
1½ cups diced cooked ham
¼ cup milk
6 pineapple slices
Melted butter or margarine

Cook green pepper and onion in water until tender. Stir in mustard, salt, rice, ham and milk. Simmer, stirring, until most of milk is absorbed Pour into a greased shallow dish. Arrange pineapple slices over the top. Pour on some melted butter or margarine. Broil until pineapple slices are hot and browned. 6 servings

NEW PROCESS FOR JELLY—

A new process for making jelly with fruit juice concentrates, instead of unconcentrated fruit juices, has been developed by US Department of Agriculture researchers

The standard method of producing commercial jelly is much like home jelly-making on a grand scale Fruit juice, sugar, and other ingredients are cooked until enough moisture has evaporated to ensure a proper gel.

In the new procedure, hot sugar syrup is held in one tank, a cold pectin solution in a second tank, and the concentrated juice is held in a third, with added flavor essence and fruit acids if they are needed Measured amounts of the three solutions are pumped together through a mixing pipe, where the jelly is heated to pasteurizing temperature and filled into glasses.

As the new process is a continuous operation it offers production economies to manufacturers.

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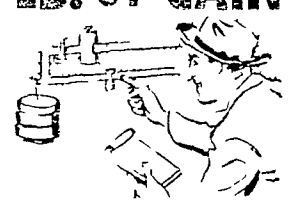

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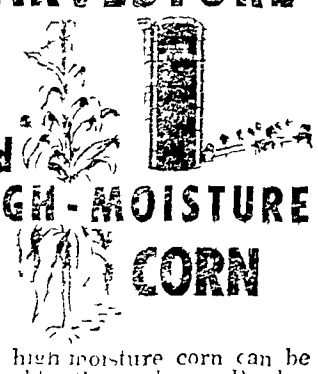

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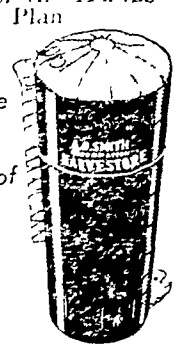

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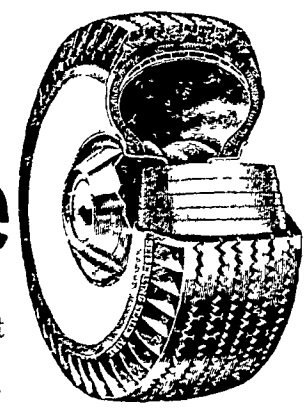

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Automatic Milk Vending Machines Increase Total Sales in West Va. Test

Sales of fluid milk through coin-operated vending machines averaged about 1.5 per cent of total milk sales in a study conducted in the Berkeley County (Martinsburg) area of West Virginia, the U S. Department of Agriculture announced today Indications, based on an analysis of all relevant factors, are that about two-thirds of the sales through milk vending machines apparently were "plus" sales. This preliminary finding indicates that introducing many milk vending machines into a market area can expand the total market for milk.

The research was conducted for almost two years by a joint team of researchers headed by James H. Clarke of the West Virginia Agricultural Experiment Station and Mardy Myers and J. Scott Hunter of the U S. Department of Agriculture. A full report entitled "Automatic Milk uation in Berkeley County, W. Vending — A Market-Wide Eval- Va.," with detailed findings, will be out shortly.

The additional sales of milk as fluid milk through vending machines usually result in a higher price to producers than if it is used for manufacturing purposes and so can be a means of increasing farmers' returns from dairy products.

Milk vending machines, which had not been in use in Berkeley County for several years prior to the study period, were introduced by the milk distributors to aid the researchers in evaluating the effect of automatic vending on total milk sales Starting in September 1955 and continuing through June 1957, a omplete accounting was kept of milk through milk vending machines, principally in industrial locations and offices but also in schools and three outdoor locations Data were also obtained for the test period, and for the previous year, on sales of milk through all other outlets — retail and wholesale — in the area.

Sales through the vending machines were at first fairly substantial but subsequently declined in many locations For some of the machines, a downward trend in sales was observed during most of the period of the study For other machines, however, sales leveled off following an initial downturn. Peak sales through vending machines were almost 2 5 per cent of the total market sales in October 1956 when employment at several seasonal apple processing plants in the area was at a maximum. Sales at the end of the study period ,in April-June 1957, represented 1 7 per cent of total market sales.

To supplement the sales data, interviews were conducted with a sample of plant employees having access to the milk vending machines. Results showed that 63 per cent of the employees in the plant studied bought milk from the vending machines during working hours, whereas, before the vending machines were installed only 19 per cent of the employees had brought milk in from the outside to drink while at work This is another indication of how automatic vending can increase milk sales. Adverse attitudes toward vending were not found to be a limiting factor in expanding consumption of milk through machines

A study of the costs of operating vending machine routes was made concurrently with the sales study The amounts of labor and other cost factors required for vending were determined and the break-even points found for various kinds of vending machine routes.

Labor Efficiency Poultryman's Greatest Benefit

UNIVERSITY PARK, June 19 — Poultrymen have benefited more by improved labor efficiency than by any other improvements, it was reported at the annual conference of the Pennsylvania Poultry Federation at the State University.

Less than three minutes of labor are needed today to produce a dozen eggs, compared with 13 minutes of labor needed for the same production in 1923, declared Dr John M Snyder, poultry specialist for the Beacon Miling Co. of Cayuga, N Y

"Management is the culprit in limiting production performance," Dr Snyder stated. "Good management makes it possible now for a single broiler producer to take care of 150,000 broilers annually," he added.

Dr Snyder stressed seven factors for improved labor efficiency (1) automatic waterers, (2) automatic feeders, (3) bulk feed, (4) nest rooms, (5) handy clean out, (6) combining chores, and (7) centralized layouts.

SPEAKING ON FARM changes to integration at opening day sessions was Dr J C Huttar of the Cooperative G L F Exchange, Ithaca, N Y

"Integration's record so far is that it will reduce your risks and losses and will also reduce your profits,' Dr Huttar stated "If you don't like this prospect, you can integrate more processing and marketing steps under your own control, or join with others to do the samething cooperatively, or you can find somthing else to do," he advised

Dr Huttar described integration by the farmer as the opposing force to specialization He said the poultryman who produces feed grains not only decreases his dependence on a feed supplier but also picks up part of his income The egg producer who sells eggs at a roadside stand is integrating, as well as the broiler grower who sells barbeque dinners, he added

John L Rainey, director of Pennsylvania's Bureau of Markets, Harrisburg, urged poultrymen to evolve a promotional program to spur the sale of Pennsylvania produced eggs and poultry products.

"WE WILL HAVE to try for a larger share of the market, even if the trying only results in holding our own share," Rainey observed "If we do not strive to be competitive, we will be pushed aside" he cautioned

Rainey estimated $1,600 000 would be available for promotion if Pennsylvania's poultry and egg producers ear-marked one per cent of their cash income for promotion

He cited the state's Food Marketing Advisory Council as helping to bring together poultry industry representatives to solve problems in promotion of poultry, eggs, and other commodities.

L W Cassel, director of practical research for Whitmoyer Laboratories of Myerstown, gave a demonstration of "The Egg and You," Stressing need for greater promotion, he said the poultry industry spends only $210 00 on promotion for each million dollars of sales, compared with $2,200 spent by the dairy industry for the same sales volume He urged greater use of eye and appetite appeal in advertising He described the egg carton as the producer's salesman

Scientists Consider 3-Pronged Attack Against Clover Viruses

Successful control of virus diseases in Ladino and other clovers may require a 3 pronged attack involving (1) resistant varieties, (2) chemicals that quickly destroy or repel virus-carrying insects, and (3) systematically active compounds that inhibit the disease in plant tissues, according to the U S Department of Agriculture.

Researchers at USDA's Agricultural Research Center, Beltsville, Md , suspect that at least two of these virus disease — alfalfa mosaic and bean yellow mosaic — known to reduce forage and seed yields of Ladino white clover by 25 to 50 per cent, may also shorten the life of the clover plants.

Field-plot studies are under way at Beltsville to determine the effect of these virus diseases on clover stand longevity. For this work, the scientists have selected a location in which the stands should not be unduly affected by insects.

RESISTANCE TO THE virus diseases is being sought as the first line of attack by Beltsville researchers E A Hollowell and K W Kreitlow of the Agricultural Research Service Other measures, such as the use of chemicals to control virus spreading insects or to inactivate the viruses within affected plants, are still in the exploratory stage This 3-pronged attack, the USDA scientists say, will require much basic research and the cooperative effort of scientists in several different fields.

Search for virus - resistant plants has not been as fruitful as originally hoped Some 11,000 Ladino clover seedlings have been tested so far, but none has been found resistant to either virus mosaic disease Although these screening tests of Ladino clover are bein continued, it appears that researchers may have to seek the needed resistance in other clover species closely related to Ladino This will mean considerable difficulty, if resistance is found, in crossing plants with different chromosome numbers to obtain resistant hybrids. Very few artificial crosses of this type have been made successfully.

BOTH OF THE clover viruses occur in other legumes, and alfalfa mosaic virus occurs also in numerous weeds Both viruses are carried to cultivated crops principally by aphids or other sucking or chewing insects Dr. Kreitlow believes that commonly-used insecticides are not effective in controlling spread of the diseases because they do not always destroy the insects before they have infected the plant.

More effective insecticides, or chemicals that repel the insects, might be useful control aids. So far, no insect repellents have been found that can be used successfully on field crops.

Development of a systemic chemical that would inhibit the viruses in clover plants is a future possibility Two possible approaches are being considered. One is to find a compound that will inactivate the virus without harming the plant. The other is to find a material that will be taken up by the plant and enable it to produce substances from within to neutralize virus infections.

Pasture A Good Source Of Vitamins

Actively growing green pasture is an excellent source of nearly all the vitamins necessary to animal health, according to Animal Hpsandman Berl Koch of cut, however, that pasture plants are apparently very low in vitamin B 12 and vitamin D but, he says the animal grazing on pasture certainly gets enough irradiation from the sun to produce adequate vitamin D in the body tissues

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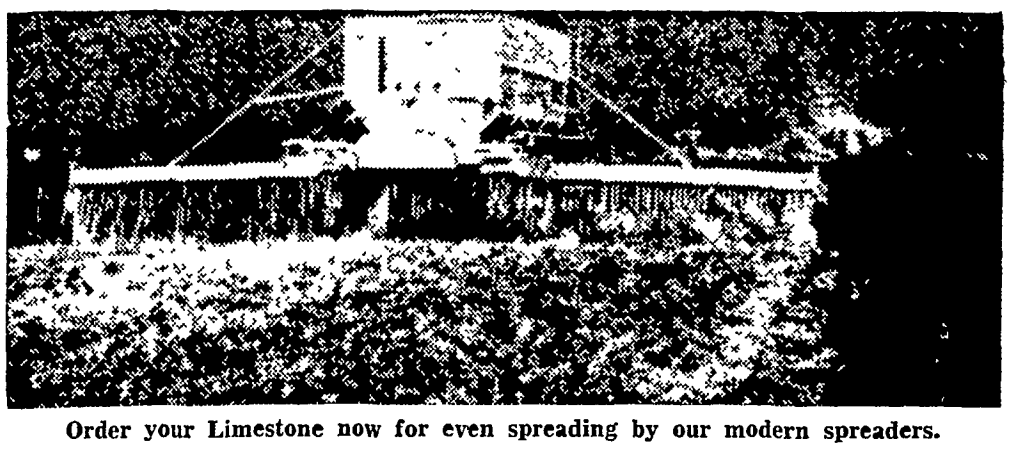

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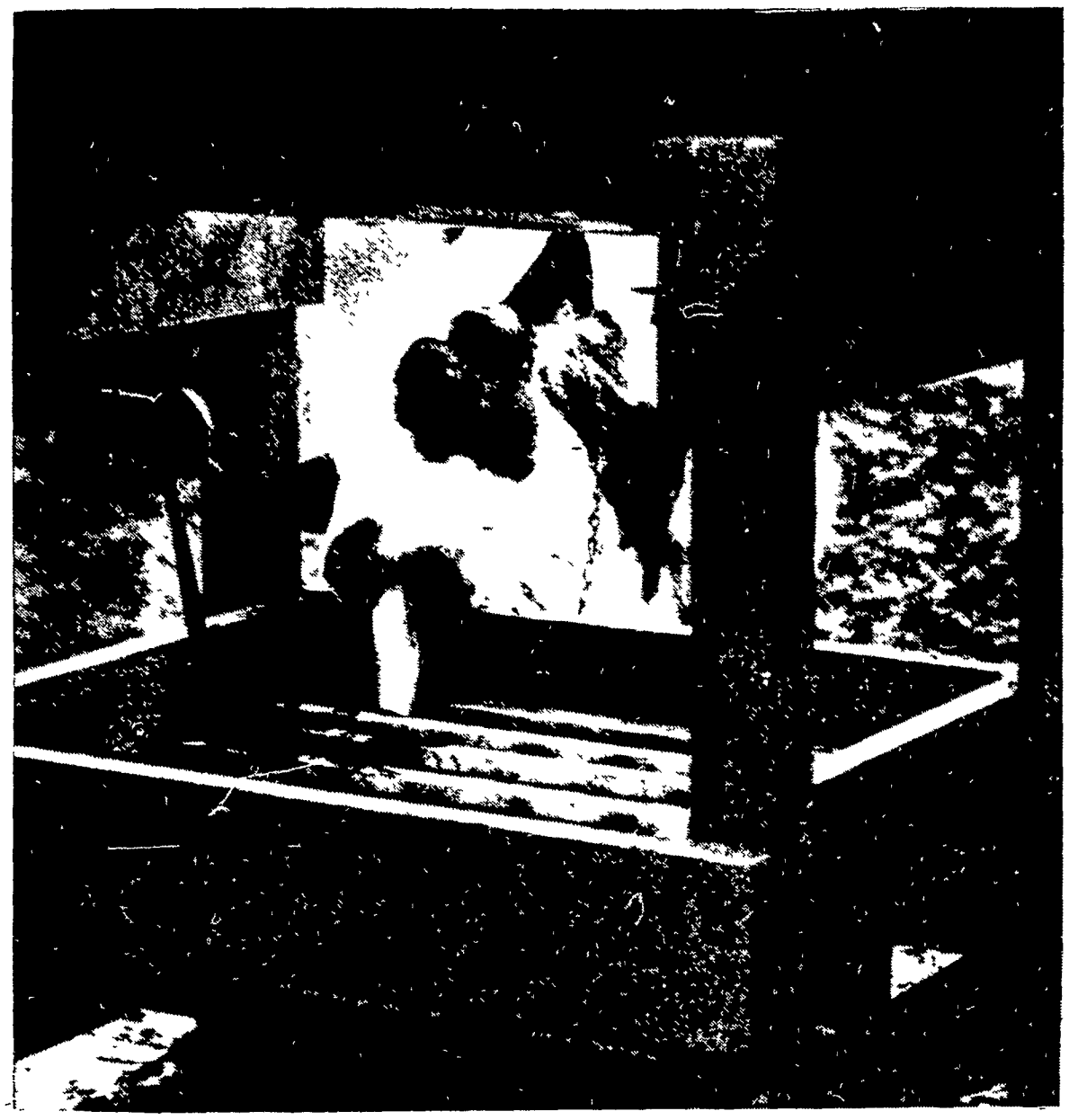

THIS DAIRY COW SHOWS how animals lick the new liquid protein supplement. The liquid is stored in 300 gallon drums on the farm and flows down into the feeding trough by gravity Some farmers report they prefer to mix the supplement with feed or hay.

New Liquid Protein Supplement Makes Rumen Bacteria Work Harder

Cattle feeders and dairymen in the Southeastern Pennsylvania area this week are being introduced to a new feed supplement called Morea

While supplements are fairly common these days, this one has some unusual features not seen before in the East First of all, it is a liquid, designed to be fed free choice

Secondly, it is designed to make the rumen bacteria more active in producing amino acids, proteins, carbohydrates and other materials, rather than simply supplementing the production of the rumen bacteria.

THE UNUSUAL FEATURE of Morea is that fact that it contains ethyl alcohol But the alcohol, present in relatively low concentration, is not used to supply the animal with energy Its purpose is to provide the proper chemical enviornment in the rumen for the most effective use of urea and other feed ingredients.

It is used specifically to promote the metabolism of rumen microorganisms which, in turn, provide necessary nourishment to the animal

THE PROCESS WAS developed by Philip C. Anderson and Janet L C Rapp of Feed Service Corp , Crete, Neb This company has licensed U. S Industrial Chemicals to manufacture the product for distribution in the East

The premix is then combined with molasses by the dealer to make the finished product. The dealer in this area is Hespenheide and Thompson, Inc , York, a 38-year old feed manufacturing firm.

The feed as the farmer will receive it is 67 per cent molasses, 10 per cent urea, six per cent alcohol, three per cent phosphoric acid, four per cent trace minerals and vitamins, and 10 per cent water

THE LIQUID supplement, delivered to the farm bulk tank by truck, is used to feed livestock, dairy cattle and sheep. It is used not only to supplement the feeding of low cost roughages such as hay, ground corn cobs, and cottonseed hulls, but also with full grain rations

In either free-choice or controlled feeding, metabolic control mechanisms in the rumen prevent the animal from eating too much. The critical factor here is the amount of urea consumed, since the animal tends to maintain, on a dry-weight basis, a two per cent nitrogen (equivalent to a 12 5 per cent protein level in the rumen As a result, the average animal will consume only about two pounds of the supplement a day.

THIS LIMITATION on intake eliminates the possibility of untoward effects from the alcohol (intoxication or dizziness, for example) The ethyl alcohol is completely metabolized in the rumen It never builds up to a high enough concentration to enter the blood stream

Thus far the greatest demand for the supplement has been in Nebraska, Iowa and Illinois. The Yor kfirm is the first dealership to be established in Pennsylvania.

Pretests of the supplement have been carried out on several Southeastern Pennsylvania farms. Among those participating in the tests were John Neff, Lancaster County; Bernie Norris, Thad Owings and Luther Shaull, all of York County.

Farm Employment Up 2 Per Cent from Last Year

During the week of May 18 24, the number of persons working on farms, at 8 369,000, was 2 percent. higher than a year earlies and 14 percent above late April of this year

The supply of workers available for farm labor from April to May continued to be in better balance with demand than usual for this time of year, with reported shortages mostly local.

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Rank of nationally sold chicks in 1956-57 tests

(Based on income over feed cost except in N. Y. C. and Missouri.)

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Kimber K-137	4	4	6	5	2	4.2
Strain A	3	10	—	10	1	6.0
Strain B	11	16	2	3.5†	4	7.3
Strain C	5	18	18	12	5	11.6
Strain D	—	6	24	—	10	13.3
Strain E	38	3	25	15	3	16.8
Strain F	23	20	—	7	18	17.0
Strain G	—	25	27	11	13	19.0

*Incomplete. †Average of 2 entries. ‡Income over feed and chick costs.

K-137 entries ranked FIRST IN NET INCOME among all nationally sold chicks entered in three or more of the above tests. *The average net income from Kimberchiks was 56¢ higher than the average of all entries.* Such consistent, profitable performance in a wide variety of environments should encourage you to order K-137 Kimberchiks this season.

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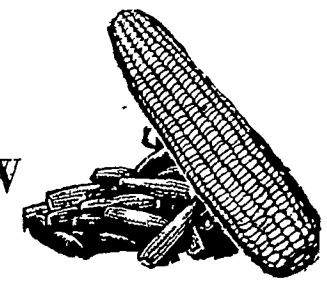

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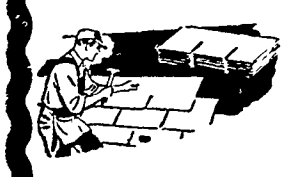

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A Farm Problem:

Adapting Yesterday's Buildings To Today's Type of Agriculture

The rapidly changing pattern of US agriculture is reflected in excessive labor requirements on many farms on which service buildings are obsolete or not easily adapted to labor-saving equipment, the US Department of Agriculture says

This situation was reported to members of the American Society of Agricultural Engineers at their 51st annual meeting, which opened June 23 at the University of California, Santa Barbara

The meeting continued through Wednesday and will emphasize engineering needs and developments in farm structures, power and machinery, soil and water hydrology, drainage, irrigation and erosion.

THE SUMMARIZED results of the ASAE's efforts to anticipate farm building requirements for the future were reported by USDA agricultural engineer Wallace Ashby, as chairman of the association's committee on Farm Structures Research Needs and Statistics, to members attending the session on farm structures

Ashby is head of farm structures research for USDA's Agricultural Research Service at Beltsville, Md

His committee report is based on replies to three questions submitted last October to heads of departments of agricultural engineering and other selected respondents in the United States and Canada

THE REPLIES, totalling about 500, indicated an urgent need for more efficient and economical farm service buildings and more livable farm houses Answers also emphasized the need for information and technical assistance that will help farmers meet their building problems more adequately, Ashby said

Questions on which answers were received through 22 college department sof agricultural engineering in this country and two in Canada, were

1 What is the most urgent problem affecting farm buildings of the farmstead as a whole?

2 What major changes in farm practices that will affect farm buildings do you expect by 196?

3 What major problem related to farm structure of the farmstead will need solution by 1965?

REPLIES TO these questions, Ashby said, were received from staff members of collee departments farmers, county and home demonstration agents, Vo-Ag teachers, country bankers, dealers in building materials and equipment, and many others

A problem often mentioned by the respondents is how to adapt existing buildings for more efficient production Since it is impractical to replace all obsolete buildings in the near future, ways must be found to improve them Adaptation of existing buildings for the transition from diversified operations, to larger, more specialized enterprises require special attention.

Buildings for tomorrow must be efficient and easily adapted to changing agriculture Mechanization of building operations will require efficient but not too costly systems of handling agricultural materials

Situations and trends affecting farm buildings were described by those replying to the three basic questions One trend Ashby reported, is that farms are becoming larger as land is consolidated into fewer operating units

OFTEN AN owner is unable to find sufficient use for farmstead improvements, though he is short building space at the home farm

Another trend indicated by the replies is the increase in the size and specialization of live stock production operations Many existing buildings do not meet new requirements which lean toward more confinement and drylot feeding

Changes in feed crop handling methods were also indicated as a well-marked trend that affects building design The changes in methods of harvesting, storing, and preparing crops, including farm drying and hermetically sealed storage, are resulting in feeds that are easily handled and used, such as field-shelled corn, pelleted forage, and liquid feeds

Other trends cited in the replies were (1) rising wages and scarcity of dependable labor, (2) more stringent sanitary and other code regulations, (3) rise of contract farming, which has greatly affected poultry production and is moving into cattle and hog production and (4) perpetuation of farm building obsolescence, because few farmers or rural builders are skilled in applying new developments in building design or in materials handling systems

FARM SERVICE buildings must provide a healthy environment for livestock, efficient use of feed, and production of high-quality products There must be safe storage and efficient means of conditioning and handling crops and other materials and adequate means of storage and maintaining farm equipment.

Replies summarized in the report also stressed need for expanded research in order to keep pace with farmers' needs and with research in other fields Many replies stressed the need for better communication between research workers in government and industry, and farmers builders, and dealers

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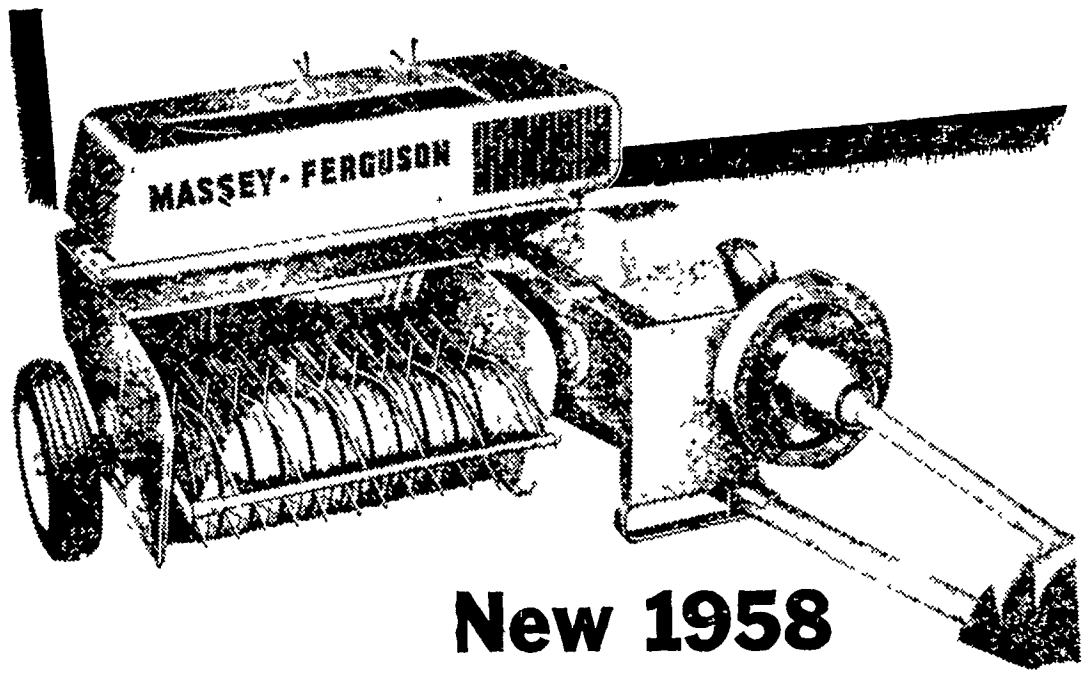

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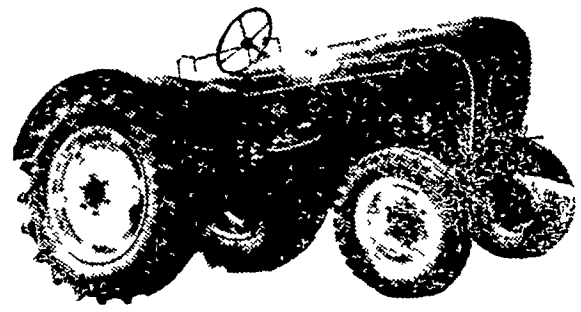

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Lancaster Guidance Clinic Offers Help for Troubled Children, Adults

From the time of its founding in 1937 until the present day, the Lancaster Guidance Clinic has remained unique in the County in offering the services of a trained child psychiatrist In addition it provides the only psychiatric outpatient team services available to both children and adults The team consists of trained and experienced social workers, psychologists and a psychistrist By using the seven professional staff members divided into two therapy teams it is now possible to take steps to get to the roots of the problems of children and adults

While most children are able to grow up in an average home with the help of their families, their school and their church, there are some children who have trouble in meeting the demand which life makes upon them Troubled children resort to confused methods to escape from these demands or to atempt to cope with the expectations of parents and teachers

SOMETIMES they retreat into silence or withdrawl, they refuse attempts to help them or they sometimes become ill without any apparent reason These are the children who can be brought to the Clinic for psychiatric help

Parents relatives, doctors nurses judges, school personnel or anyone who has a responsible relationship to the child in need of help may refer the child to the Guidance Clinic

In the cases of children the psychiatric case worker on the team interviews one of both of the parents concurrently with the interviews the child is having with therapist Through the use of interviews with the parents, much can be done to help not only the child change, but, to provide changes in the family environment which accelarate the ability of the child to bring about changes in himself and to use his own capabilities to their utmost

ADULTS, have troubles They find themselves becoming increasingly depressed irritable, or extremely worried most of the time These troubled feeling can cause much misunderstanding and unhappiness in the family and even-tually effect his work schedule; thus, effecting too, the income. Again, the Clinic offers to this adult the help and understanding of a psychiatrist An adult who is interested in help for himself can call the Clinic for an appointment.

The Clinic offers out-patient psychiatric evaluation and treatment of eligible adults and children Treatment should not be misconstrued to mean physical treatments such as are used in state hospitals or pharmacological treatment Drugs are rarely if ever prescribed; if they are necessary the Clinic works in close cooperation with the family physician, who is the one to supervise the administration of drugs.

IN A RECENT annual report by D Buell C Kingsley, director of the Lancaster Guidance Clinic, services in 1957 had increased 66% over the previous year with 2788 interviews held by the staff this year In addition to extended psychotherapy, there has been an increased demand for consultation services, for emotionally disturbed children and adults. Many of these patients are brought to the clinic by their families or come themselves realizing that they needed help

The Clinic Board as well as the Psyhiatrist-Director recognizes that psychiatric treatment is just one aspect of the community pictures of emotional and mental illness

IN MANY WAYS psychiatric treatment is a temporary, stopgap measure until the much needed preventative factors in mental illnes can be discovered and brought into focus on this very important and puzzling community problem Treatment cannot solve the problem genetics, economics, value standards social mobility, and all the complications that are encountered in secure family living.

The staff of the Lancaster Guidance Clinic includes a psychiatrist, psychotherapost and workers so that they may help all who came asking for aid Although the Clinic is open five days a week and Wednesday evenings, there is a waiting list of patients awaiting services.

Chicago Hog Prices Gain on Active Demand

CHICAGO, June 23 — HOGS 7000 Fairly active, strong to mostly 25 cents higher on barrows and gilts, weights over 240 lbs mostly 25 cents higher, instances 50 cents higher Sows steady Good shipping demand No 1 to 3, 190 260 lb barrows and gilts comprised bulk with little over 270 lbs U S No 2 and 3, 190 260 lb barrows and gilts $23 75 24 Several lots mostly No 1, 225 lbs $24 25 24 50 and136 head lot No 1, 215 lbs $25 No 2 and 3, 270-290 lbs $23 25 23 75 Few No 3 up to 310 lbs down to $22 50 Mixed grades 400 475 lb sows $19 20 Most 330 375 lbs $20 21 and few 300 325 lbs $21 21 50. Few head around 275 lbs $21 75 Most 475 550 lbs $18 19

CATTLE 17,000 Receipts promising to fall short of the estimate by several hundred head Slaughter steers and heifers active, choice and prime steers over 1100 lbs mostly 50 cents higher, some sales 75 cents higher, other weights and grades slaughter steers strong to 50 cents higher Heifers strong to fuly 50 cents higher, choice grades up mostly 50 cents Cows fairly active, steady to 25 cents higher, mostly steady Bulls fully steady Vealers about steady Few sales stockers and feeders steady Few loads prime 1200-1325 lb slaughter steers $31-32, numerous loads high-choice and mixed choice and prime steers $28 75 30 50, mostly $29 30, good to average-choice steers $25-28 50, mostly up, several loads and lots utility and standard 900 1100 lb Holstein steers $22 50 23 25 Load mosty prime 1250 lb teers at $31 feedlot mates of $30 25 cattle last week, oad 1314 lb steers $30 50 feedlot mates of $30 cattle last week and of $31 cattle two weeks ago Several loads and lots mixed choie and prime heifers $28 50, good to high hoice $24 50 28, mostly $25 up, utility and standard heifers $20 24 Most utility and commercial cows $19 21 50, canners and cutters largely $15 19 50, load 825 lb canners at $15 carrying a few shells Utility and commercial bulls $23 50 25, uters $21-23 God and choice vealers $28-31, utility and standard $19 28, culls down to $12 Load good 850 lb feeding steers $25 50

SHEEP 1000 Bulk of salable receipts spring slaughter lambs, including one load shorn and a deck of fed southwestern spring lambs Only scattered small lots old crop lambs and slaughter ewes on sale Spring lambs active, strong to 50 cents higher Other classes steady High choice and prime spring lambs $26 25 27, including 24 head prime 91 lb average at $27 Bulk choice $25 26 Load choice 95 lb No 1 pelt spring lambs $25 50 Good to low choice $23-24 75, few utility down to $22 Cull to choice od crop lambs in small lots $15 23 Good and choice slaughter ewes $6-7 50 Cull and utility $5 6

LIVE POULTRY

PHILADELPHIA, June 25 — About steady Demand good for large offerings of yearling hens, large pullets and large caponettes and only fair other classes which were in more than adequate supply.

Receipts June 24 — 105,000 lb including Delaware 25,000 lb., Maryland, 5,000 lb.

Wholesale selling price No. 1 and fancy quality — Brileors and fryers, heavy type 3 4 lb, 23-25 Pullets 4½ lb. and over, 29-30 Hens, heavy type 23-28, light type 18. Ducks Pekin, 30.

Reassessment Program Moving Out To Farms; Be Ready for Visitors

Farm owners and operators in Paradise, Clay and Conoy Townships have recently been visited by field investigators working on the county reassessment project

These field investigators are the first evidence that the program is getting out of the paper work and planning stage and moving into the actual reassessment work.

The first persons you will see on the farm are the field investigators who are bringing tax maps up to date. In most instances, they will bring an aerial map to the farm and ask the farmer to trace the farm boundaries on the map.

BY DOING THIS, the possibility of missing any parcles of land is practically eliminated When unclaimed land is noticed on the map after all surrounding farms have been visited, it gives the mappers a base upon which to start searching for the owner of this land

The field investigators will be followed shortly by appraisal teams. These men will look at the buildings on the farm and will inquire as to crop yields, waste land and the like Using this information as a base, the appraised value of the farm can be determined.

BOTH INVESTIGATORS and appraisers will carry identification cards.

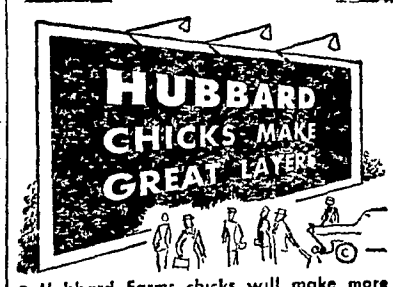
One thing that will help in establishing the location of the farm is having the deed registry number or numbers available. The information needed is the volume, book and page number, usually found on the face of the deed

The reassessment program is not designed to change the tax structure of the county, but rather to eqaulize the taxes throughout the county When all the appraisals are made, the county commissioners will adjust the millage rate on the basis of the new appraised evaluation of the county.

1957 Egg Production Sets Record

Figures based on reports from 26 Free World Countries show that egg production in 1957 reached an all time record of 142 billion eggs 2 per cent above 1956 Excluding the U. S., egg production in the Free World Countries was up 5 per cent in 1957 with supplies expected to continue heavy in many of these countries in 1958

The number of chickens in most of these 26 countries also continued to increase in 1957 for an over-all gain of nearly 4 per cent



• Hubbard Farms chicks will make more money for you They become great layers.

HUBBARD'S 496 — a new brown egg cross
HUBBARD'S NEW HAMPSHIRES — a high egg production strain
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Come in or send for FREE folders.

Started Pullets Available.

HUBBARD FARMS

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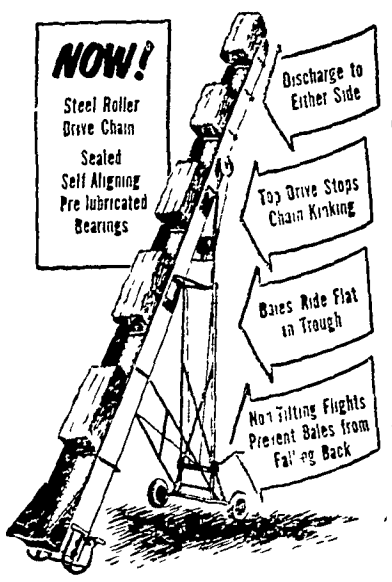
Smoker FARM ELEVATORS

better than ever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Steel Roller Drive Chain
Sealed Self Aligning Pre lubricated Bearings
Discharge to Either Side
Top Drive Stops Chain Kinking
Bales Ride Flat in Trough
Non Tilting Flights Prevent Bales from Falling Back

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Lititz. R. D. 3
Ph. Lanc. EX 3 7607
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For Protein Performance with "GET UP AND GROW"

With MA-CO Complete GROWING RATION every bit of its 18% (min.) protein goes to work for your birds. Quality formulation includes a wide range of rich protein sources . . . guarantees high levels of all essential amino acids for top-growth performance. That's why high energy MA-CO performs with high efficiency, on less feed! For "Get Up and Grow", change to MA-CO!

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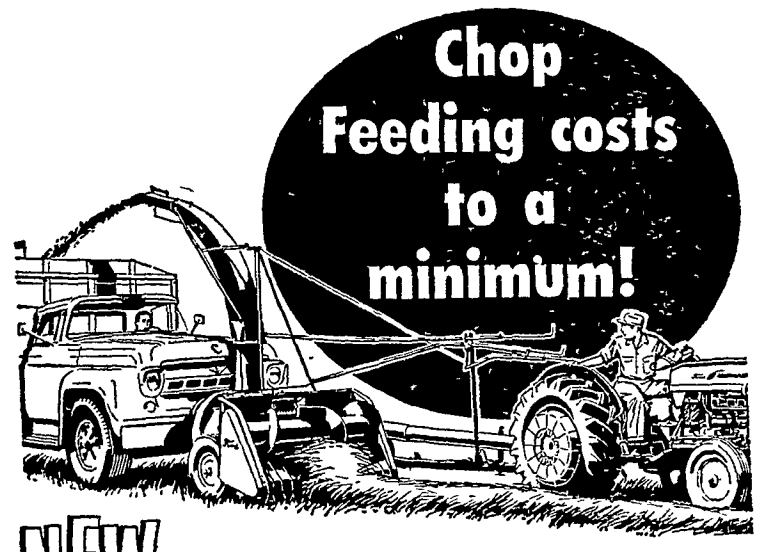
Pioneer Manufacturers of High Efficiency Poultry Rations.



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Ford Forage Harvester

- Choice of easily changed pick-up, cutter bar or row crop attachments
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- Controlled feeding, uniform cutting and powerful delivery for top capacity
- Variable length of cut—⅜" to 4"
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Haverstick Bros.
Columbia Pike — Lancaster Ph. EX 2-5722

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Elizabethtown Farmers Supply Inc.
Ph. EM 7-1341

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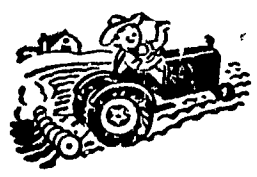

Classified Ads

Farm Equipment

NEW GROVE FARM WAGON chassis for rubber $150 Delivered Bard's Hardware Phone Oldfield 6 3531.

FOR SALE — Concrete Stave Silos, Silo unloaders & Auger Feeders. Robert P. Farmer Oxford R2 Pa. Phone Oxford 706R1.

ONE USED 180 amp D C Welder. 1,600 ready to lay pullets. Hiestand, Inc., Ph. Marietta HA 6 9301

Hay Conditioners
John Deere
Cunningham
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In stock - ready for delivery
Prices Right!
A. B. C. Groff
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USED CO-OP & Sheppard Diesel Tractors, Oliver "70" Std A C. WD & WC Trs on rubber or steel, Used Meyer Hay Crusher & Cunningham Hay Crimper, 2 New Idea Tractor Manure Spreaders Late Model 350 Myers Hay Crusher McD T 50 with engine - $350 Massey Harris Combine
Ask for a demonstration of the Porsche Diesel Tractor
SNAVELY'S
New Holland EL 4 2214

Late Model McCormick Deering and John Deere grain binders and side rakes Keener's Farm Machinery Lanc. EX 4 6414

Priced Right!
AC-WD 45, WD&G tractors
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50 HP Sheppred Diesel Power Unit with starter
AC 125 Power Unit
Snowco Bale Loader
NI 7 ft PTO Mower
JD 30 ft Elevator w/motor
AC 60 AllCrop Harv
JD Combine w/power unit
5 H P GE Electric motor
N H 66 Baler
M H Forage Harvester w/grass & corn head
L H Brubaker
350 Strasburg Pike, Lanc
Lititz RD3
Ph Lanc EX 3-7607
Strasburg OV 7-6002
Lititz MA 6 7766

Poultry & Supplies

"LEGHORN BREEDER flock Wanted High production strain Babcock Hatchery, RD3, Lititz Phone MA 6 5872"

PULLETS FOR SALE KIMBERS GREIDERS, H & N, 10 weeks to 20 weeks old, carefully grown, triple vaccination. Phone Elizabethtown EMpire 7-1195

STARTED PULLETS — well grown, vaccinated, carefully selected Kimberchik K-137 and Hubbard 496 Hubbard Farms, Manheim Pike, Lancaster Phone 2-2155.

Started Kimber Leghorn Pullets. 10 weeks to 22 weeks Available now Reich Poultry Farm, Marietta, Ph. HA 6-7123

Miscellaneous

FOR SALE — Soybeans $3 90 bushel. Sardo (Hegari) $9 per hundred Cyrus B Ferguson, RD1, Oxford, Ph Kirkwood 36R4

FOR SALE. — Shelled corn 4-8-12 or 16 ton lots—bagged or bulk, very low cash price Leola OLdfield 6-7656.

FOR SALE. — 3" used boiler flues, 18 ft long. Cheap Stauffer's Greenhouse, Manheim, Pa

Household Goods

FOR SALE. — Used gas stoves, priced low to sell, good condition, at town store, Ward Bottle Gas, 25 S. State St., Ephrata.

Livestock

LEESPORT LIVESTOCK MARKET Auction Every Wednesday 3 R. T. Richards—Operator & Ph. WA 6-7484.

Mail Box Market

FOR SALE Louden Stanchens for eight cows, used; also an 18 inch capacity wood lathe, cheap John M. Martin, Denver R1, at Fivepointville.

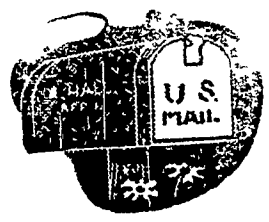
FOR SALE. One Saint Bernard puppy, male, 7 weeks old, mostly white with brown markings $25.00. Abram Siegrist, Mastersonville, Ph. Manheim MOhawk 5 5770.

FOR SALE Eskimo puppies, White and light brown Three month old. Donald S Eby, Gordonville R1, Phone Intercourse SO 8-3086.

LOOK—Fruit, berries, 7 room house, conv & 1 garage. Tobacco shed on 2 acres See it make offer Call Mount Joy OLdfield 3-9052.

934 A Hyline Pullets — 2 to 22 wks Compare our quality and price - 8 wks-95¢ (Pox new & bronc vax, incl) delivered free. Call or write Gerald K Zook, Schaefferstown

FOR SALE 3 Nubian does purebreds 4-month. and 1-2 year old. 2 pump stalks 6x6, 3 porch glidders, cheap Wanted Purebred Nubian Buck. Chas. Heller, Sunny Side Pines R4 Manheim.



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will receive FREE one advertisement each month in our Mail Box Market

Subscribers using the MAIL BOX MARKET will be governed by the following rules

- Limit your advertisement to five lines which means not over 25 words.
- All Advertisements must be in our hands by Monday 6 P. M. or same will be held over for next week's paper.
- Only one advertisement each month.
- No business advertisements accepted for this column.
- You are allowed to run the advertisement one time. Send in no duplication.

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LAMPETER
Ph. Lancaster EX 4-1796

For Service Call
Rawlinsville—
Butler 4-4592
PAUL H. HERR
R. D. 1
Holtwood, Pa.

CHAIN SAW SERVICE CENTER
New & Used
Snavely's Farm Service
New Holland EL 4-221

George E. Hoar
All Forms of Insurance
Fire Health
Auto Accident
Liability Hospitalization
Homeowners Policies
Phone HI 24393
State Road Gap, Pa.

Timing of Insectidide Use Aids In Control of Lygus Bugs, Lima Pest

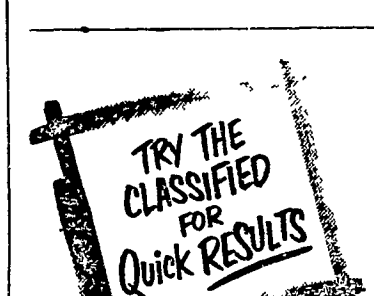
More effective control of lygus bugs, a costly pest to lima-bean growers, is possible by proper timing of insecticide applications, entomologists of the U.S Department of Agriculture report

Results obtained in five years of USDA research on lygus-bug control were reported to the Pacific Branch of the Entomological Society of America at its 42nd annual meeting in San Diego, Calif., yesterday.

M. W. STONE and Francis B. Foley, scientists of USDA's Agricultural Research Service stationed at Whittier, Calif., said that correct timing of insecticidal applications increased yields of dry beans by 200 to 250 pounds per acre

The average results, they said, showed that a single application of DDT, just after blossoming began (early), or about two weeks later when the pods appeared (intermediate), gave the most significant increases in yield Each of these applications was superior to late application at the time the pods were 1½ to two inches long

Early and late applications combined gave yields no better than an early application alone.



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Words	(1) Issue	(3) Issues
20 (Min.)	$1 00	$2 40
21	1.05	2 52
22	1.10	2 64
23	1 15	2 76
24	1 20	2 88
25	1 25	3 00

KEYED ADS (Ads with answer coming to a Box Number, c/o Lancaster Farming): 25¢ additional.

Ads running 3 or more consecutive times with no change billed at 4¢ per word each time with 80¢ minimum.

Send copy to the Classified Advertising Dept, LANCASTER FARMING, Quarryville, Pa.

DEADLINE Wednesday morning of each week's publication. Postively no ads accepted after 10 a m Wednesday

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Tuesday, July 1, 1958

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Shoat Sale at 8:00 P. M.

Sale of Fat Bulls, Steers, Cows, Calves and Hogs
Stocker and Feeder Steers and Bulls

We Get Top Market Prices for Your Livestock
Give us a call — HI 2-4181

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A "FLOWER-GARDEN-IN-A-ROLL"

Just 3 Minutes To Plant 18 Feet By One Foot Bed

Absolutely new, easy way to enjoy a colorful flower garden. Just unroll preseeded, prepared flower garden on dirt base Roll out, watch it grow. No more back-breaking planting No picking out tiny seeds by hand and trying to plant at proper depth with proper spacing

The already spaced plants grow larger — have larger blooms. Seeds are not blown or washed away No weeds. "Flower-Garden-In-A-Roll" includes mixed annuals for cutting 15 to 36 inches high. Asters, centaurea, celosia calendula, cynoglossum, cosmos, calliopsis, gaillardia, gypsophila larkspur, marigold, scabiosa, snapdragon, and zinnia

PRICE: $3 25 postpaid. You will be pleased

Send $3 25 check or money order to

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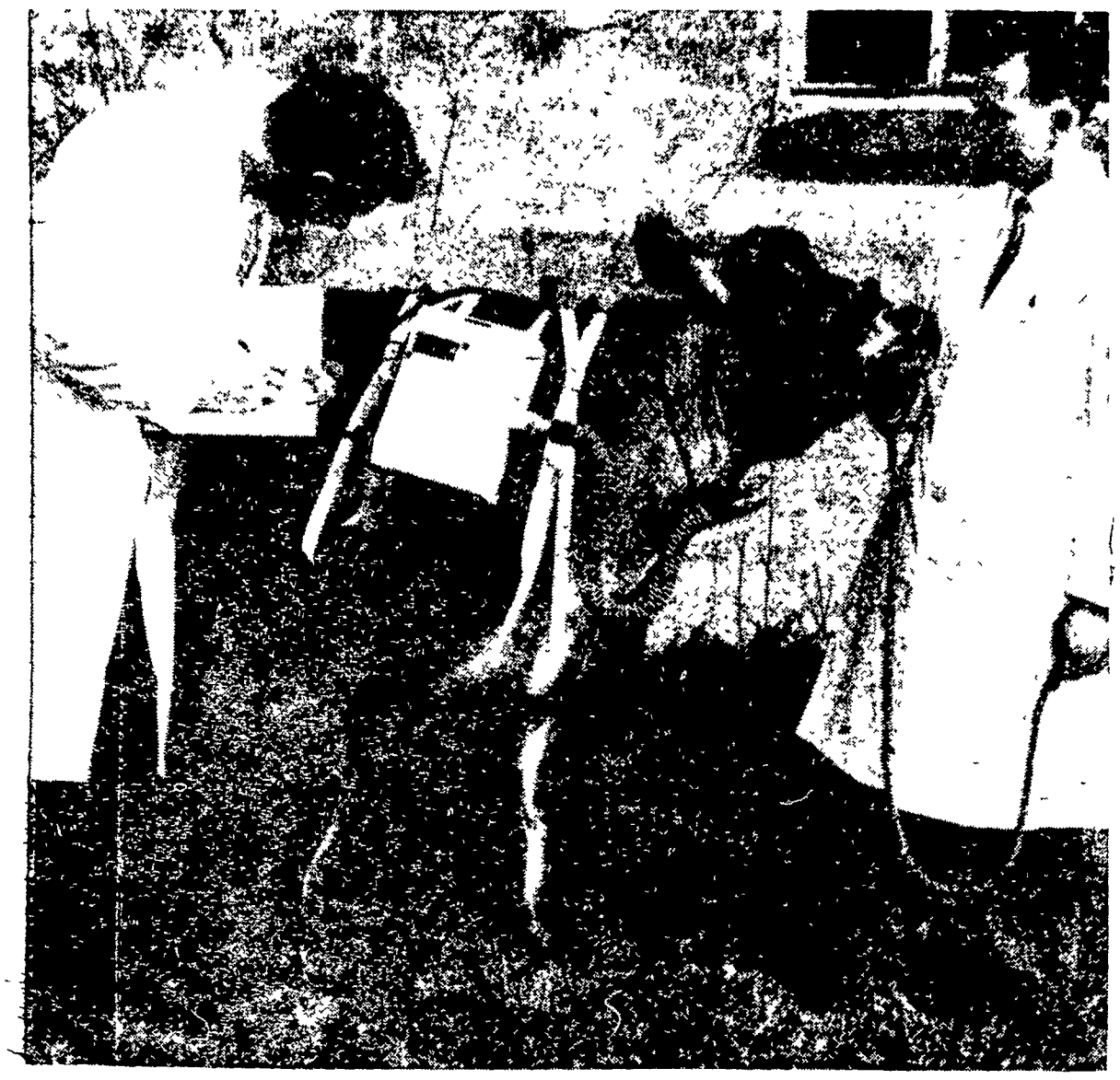


DALE R. WALDO (left) and William P. Flatt, USDA dairy husbandmen, check equipment used to measure the amount of gas a cow exhales Bag on other side of cow collects gas samples for analysis. Information gathered from these tests will give dairy scientists facts on why a cow uses more energy to maintain her body on pasture than in a barn, and the extent of this energy expenditure (USDA Photo)

Insulin Injection Test Still Gives Promise of Dwarfism Detection

'Insulin injections are still giv od of detecting beef animals that i g promise of providing a meth produce dwarf offspring ' says John F Lasley, University of Missouri animal husbandryman who developed the test

"However, still further study is needed before the limitation of the test under a wide variety of conditions is fully known"

"Since the test was first developed some two years ago, its been used to test approximately 1,800 beef animals of various breeds, ages and sex in different parts of the country under various climatic conditions," he continues

"DURING THIS work some errors have been made in predicting whether or not an animal is a carrier or non-carrier of the gene guilty of producing dwarf calves," Lasley says "And, too, 10 to 15 per cent of the cattle don't give a clear-cut response to the insulin treatment"

However, he notes that in most cases where test conditions were carefully controlled and great care taken to conduct the insulin test properly, results have been highly satisfactory.

In describing the way the test is conducted, Lasley says an insulin injection is used to put the animal to be tested under stress. Then with the aid of three blood samples — one taken prior to an injection and two following — the animal's reaction to the stress-producing insulin can be traced by white blood cell counts

TESTING OF known carriers of the dwarf-producing gene and pedigree-clean animals has shown that the white blood cell count rises much higher and at a more rapid rate in a clean animal than it does in the carrier animal

According to the animal breeding specialist, several factors are now known to affect the accuracy of the test to detect carrier animals The first and probably the most important, is the human error involved in making blood cell counts

A second important factor that seems to affect the results of the test is the stressing of animals before the test is made Lasley says that no animal should be tested unless it is quite and has been for several hours before being tested.

QUICK CHANGES in weather from warm to cold or intense heat over a period of days are suspected of interferring with the response to insulin.

"Possible means of increasing the accuracy of the test by learning more about factors which influence the response of individual animals to insulin, by improving the technique of making cell counts, and by adding to the means of distinction between pedigree-clean and carrier animals are currently being studied," he says.

According to Lasley, additional studies show that differences in blood sugar levels of pedigree clean carrier and dwarf cattle are greater as the size of the insulin dosage is increased When a heavy insulin dose was used in the Missouri work, blood sugar differences between the three groups of animals were considerable

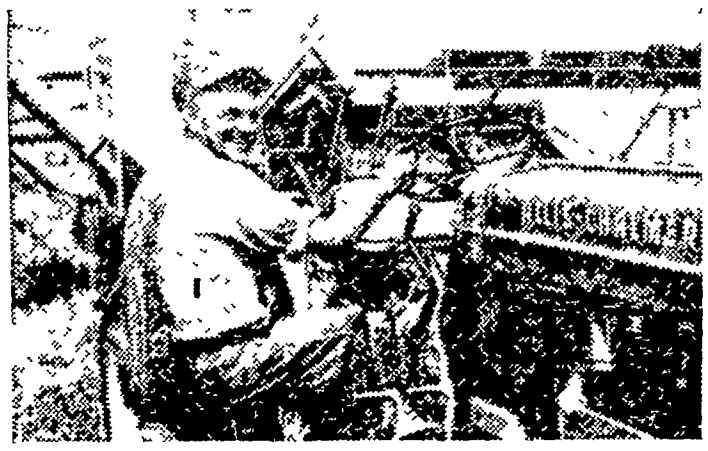
WHEN A LIGHTER dose of insulin was used, no definite difference was noted in the blood sugar levels of pedigree-clean and carrier animals as both groups showed essentially the same reactions to the reduced dosage, he continues. However, the dwarf cattle used in the testing still showed considerable reaction even though the amount of insulin used had been lowered considerably.

Research work has shown that the removal of the pituitary gland from small laboratory animals has made them more sensitive to insulin treatments, Lasley says. And, current research results indicate that dwarfs, and the carriers to a lesser extent, may be deficient in one or more of the pituitary hormones or that the hormones may be present, but are unable to function properly.

May Milk Production Down 1 Per Cent

Milk production in May, estimated by the Crop Reporting Board at 12,889 million pounds, was 1 per cent less than in May 1957, but 4 per cent above the 1947-56 average for the month. For the first 5 months of this year, production totaled 54 4 billion pounds, slightly more than for the same months of 1957.

Go Allis-Chalmers...



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1. Power . . . (official test on gasoline)	35 65 belt hp. 32 19 drawbar hp.	54 43 belt hp. 48.14 drawbar hp.
2. Working Weights . . . with TRACTION BOOSTER system	Up to 6400 pounds	Up to 7500 pounds
3. Speeds . . .	1½ to 15 mph plus Power Director	1-4/5 to 14-2/5 mph plus Power Director
4. Implement Size . . .	3 plows, 10 ft. tandem discs	4 and 5 plows
5. Fuel	Gasoline, LP fuel	Gasoline, LP fuel, diesel

More crop-spanning clearance, and low utility-type convenience . . more driving comfort and more health-guarding features than you've seen in any tractor.

See us right away, we want to arrange a free on-your-farm demonstration

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LETHALAIRE®

A Super-Powered Aerosol Especially Designed For The Dairy Industry

The new insecticide that's amazingly effective, economical, safe, easy to use, fast and clean. Kills flies, even the resistant ones, and other insects that plague the dairy farm. Ask to see it demonstrated.

MFD. BY VIRGINIA SMELTING CO., WEST NORFOLK, VA.

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ECONOMICAL One D-300 Bomb will treat an average 40-cow barn about fifty times. One bomb is equivalent to 10-12 gallons of ordinary fly spray Makes sanitation easy and cheap. No spray guns or machines to clean and repair.

FAST AND CONVENIENT D-300 Bombs have extremely fast knock-down and kill — particularly important at the critical milking time, when you want your barn fly-free.

ASK FOR FREE DEMONSTRATION

Lethalaire Bantam A Hi-Powered Aerosol For Household Use. Kills Flies, Mosquitoes, Wasps and Many Other Insects. Non—Inflammable and Non-Toxic— Safe to Use Where Food is Processed or Handled.

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P. L. ROHRER & BRO., INC.

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